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A CORRELATION OF THE CURRENT INTERNATIONAL LISTS

AND

A REVISION OF THE INTERNATIONAL LISTS

AS PROPOSED BY

THE AD HOC SUBCOMMITTEE ON LIST REVIEW

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SECRET

CATEGORY: METALWORKING MACHINERY AND CERTAIN RELATED ITEMS

SECRET

1.

CURRENT I/L LISTINGS			PROPOSED REVISION OF I/L LISTINGS				
I/L NO.	DEFINITIONS	ACTION	EMBARGO	WATCH	NEW ITEM NO.	SOURCE ITEM NO.	DEFINITIONS
1001	Vertical boring and turning mills, as follows: (a) all types with table diameter exceeding 96" (2.5 m); (b) automatic types (automatic cycle).	Delete 1001(a) and combine 1001(b) with other cyclin automatic machines in new embargo item 1000.					
1002	Jig boring machines.	Retain as new item 1001	E		1001	1002	1001 - Jig boring machines. (Criteria - a,b,c; TD - a,b,c,d)
1006	Deep hole drilling machines in which the coolant passes through the drill; and hollow drills for such machines.	Retain as new embargo item 1005.	E		1005	1006	1005 - Deep hole drilling machines in which the coolant passes through the drill; and hollow drills for such machines. (Criteria - c; TD - a, b, & d)
1015	Internal grinding machines: (a) incorporating high frequency (over 60 cycle) spindles; and high frequency spindles and spindle assemblies; (b) other types incorporating spindles with speeds in excess of 60,000 rpm and spindle assemblies.	Revise and expand as new embargo item 1010. Expansion is to avoid possible frustration of control since key elements are the grinding heads and their spindles and spindle assemblies.	E		1010	1016	* 1010 - Grinding heads and parts, whether or not incorporated in machines, as follows: (a) Grinding heads incorporating high frequency (over 60 cycle) spindles; (b) Grinding heads incorporating spindles with speeds in excess of 60,000 rpm; (c) Spindles and spindle assemblies for the above heads. (Criteria - a,b,c; TD - a,b,c,d)
1017	Surface grinding machines, as follows: (a) multi-spindle, rotary table or work holder; (b) horizontal spindle, reciprocating table over 24" (61 cm) wide; (c) multi-spindle disc.	Delete 1017(b) and (c) and retain 1017(a) as new watch item 2001.		W	2001	1017 (a)	* 2001 - Multi-spindle surface grinding machines, rotary table or work holder types, n.e.s. (Criteria - c; TD - a,b,c)
1019	Contour profile grinders.	Retain and combine with item 1090 as part (g) of new embargo item 1060; modest revision in language for purpose of clarification.					
1021	Jig grinders.	Retain as part (h) of new embargo item 1060.					
1022	Lap radial grinders (automatic oscillating types) and machines for grinding concave or convex surfaces such as those in ball bearing races.	Delete.					
1023	Roll grinding machines (machines fitted with, or capable of being fitted with, camming device only).	Retain as new embargo item 1015.	E		1015	1023	1015 - Roll grinding machines (machines fitted with, or capable of being fitted with, camming device only). (Criteria - c; TD - a,b,c,d)
1025	Thread grinding machines.	Retain as part (e) of new embargo item 1060.					
1027	Grinding machines for broaching tools, auto cycles, auto sizing.	Delete.					
1039	Engine and center lathes over 18" (45 cm) center height and over 18 feet (5.5 m) between centers.	Delete.					
1040	Horizontal turret lathes of bay capacity 4" (10 cm) and over or swing-over-bed of 24" (61 cm) or more.	Delete.					
1041	Automatic lathes, multi-spindle bar or chucking.	Delete.					
1042	Right angle (90°) lathes (in which the bed is at right angles to the spindle).	Delete.					
1043	Combination tube boring and turning lathes.	Delete.					
1044	Combination lathes, drilling, and milling machines, specially designed for mobile military workshops or for naval craft.	Delete.					
1050	Thread milling machines, 6" (15 cm) work diameter at the thread and over (except gun jump screw lathes covered by item 1086).	Delete.					
1051	Spar millers.	Delete.					

* Signifies modified or new definition

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CATEGORY: METALWORKING MACHINERY AND CERTAIN RELATED ITEMS

SECRET

2.

CURRENT I/L LISTINGS			PROPOSED REVISION OF I/L LISTINGS			
I/L NO.	DEFINITIONS	ACTION	EMBARGO STATUS	NEW ITEM NO.	SOURCE ITEM NO.	DEFINITIONS
1052	Planing machines, planer milling machines, and combination planer and planer milling machines, with capacity for work pieces 72" (1.83 m) wide and over or 20' (6.1 m) long and over.	Retain all except "planing machines" and combine with related parts of 2052 to form part (d) of new embargo item 1060; combine the "planing machines" with related coverage of item 2052 to form new watch item 2005.	M	2005	p1052 p2052	*2005 - Planing machines with capacity for work pieces 48" (1.22 meters) wide and over or 15' (4.57 meters) long and over n.e.a. (Criteria - c; TD - a,b,c)
1053	Armour plate planers	Retain by including as part of Interpretative Note No. 1 to new item 1050.				
1065	Military-type jigs, fixtures and plate metal working accessories (general machines).	Delete.				
1070	Forging hammers, as follows: (a) having a falling weight exceeding 6 tons (English or metric); (b) steam, air or mechanical hammers of rated size exceeding 5 tons (English or metric).	Retain as new embargo item 1020.	E	1020	1070	1020 - Forging hammers, as follows: (a) having a falling weight exceeding 6 tons (English or metric); (b) steam, air or mechanical hammers of rated size exceeding 5 tons (English or metric). (Criteria - a; TD - a,b,c)
1072	Presses, mechanical or hydraulic, with rated pressures of over 1000 tons. (Note: The "tons" mentioned are those commonly used in the metalforming industry of the exporting country.)	Retain as new embargo item 1025.	E	1025	1072	1025 - Presses, mechanical or hydraulic, with rated pressures of over 1000 tons. (Note: The "tons" mentioned are those commonly used in the metalforming industry of the exporting country.) (Criteria - b,c; TD - a,b,c,d)
1073	Machinery for drawing and/or tempering wire .015" (.381 mm) in diameter or less or tubing .026" (.660 mm) in diameter or less.	Retain as new embargo item 1030.	E	1030	1073	1030 - Machinery for drawing and/or tempering wire .015" (.381 mm) in diameter or less or tubing .026" (.660 mm) in diameter or less. (Criteria - b,c; TD - a,b,c,d)
1075	Spinning lathes, except those with a spindle drive motor of 10 hp or less.	Delete.				
1080	Machines and equipment specially designed for making or measuring gas turbine blades, including but not limited to the following: (a) blade belt grinding machines; (b) blade edge radiusing machines; (c) blade polishing machines; (d) blade aerofoil milling and/or grinding machines; (e) blade fillet radiusing and/or platform forming machines or equipment; (f) blade root milling machines; (g) blade blank performing machines; (h) blade rolling machines; (i) blade aerofoil shaping machines; (j) blade root grinding machines; (k) blade aerofoil scribing equipment; (l) blade aerofoil and/or root automatic measuring equipment.	Retain as new embargo item 1035.	E	1035	1080	1035 - Machines and equipment specially designed for making or measuring gas turbine blades, including but not limited to the following: (a) blade belt grinding machines; (b) blade edge radiusing machines; (c) blade polishing machines; (d) blade aerofoil milling and/or grinding machines; (e) blade fillet radiusing and/or platform forming machines or equipment; (f) blade root milling machines; (g) blade blank performing machines; (h) blade rolling machines; (i) blade aerofoil shaping machines; (j) blade root grinding machines; (k) blade aerofoil scribing equipment; (l) blade aerofoil and/or root automatic measuring equipment. (Criteria - a,b,c; TD - a,b,c,d)
1081	Special machinery for the working or forming of aircraft sheet, plate or extrusion.	Retain as new embargo item 1040.	E	1040	1081	1040 - Special machinery for the working or forming of aircraft sheet, plate or extrusion. (Criteria - a,b; TD - a,b,c,d)
1084	Equipment designed for removing surplus stock from work-pieces of metal or other materials: (a) by the discharge of electric sparks from a shaped electrode; (b) by applying ultrasonic vibrations; (c) by electrolytic means in combination with abrasive action.	Retain, revise and expand as new embargo item 1045; revision of part (a) is for clarification; part (d) represents expanded coverage.	E	1045	1084	*1045 - Equipment designed for removing surplus stock from work pieces of metal or other materials: (a) By electro erosion (except equipment designed for cutting (separating) of sheets, plates, structural, bars, etc.) (b) by applying ultrasonic vibrations; (c) by electrolytic means in combination with abrasive action; (d) by chemically (to be further defined) (Criteria - b; TD - a,b,c,d)
1086	All machines and equipment specially designed for manufacturing armaments (i.e., arms, munitions, and implements of war). (For illustrations, see Interpretative Note No. 1).	Retain as new embargo item 1050 and combine with item 1053 by adding "armour plate planers" to Interpretative Note No. 1.	E	1050	1086 1053	*1050 - All machines and equipment specially designed for manufacturing armaments (i.e., arms, munitions, and implements of war). (For illustrations, see Interpretative Note No. 1). (Criteria - a; TD - a,b,c,d)

*Signifies modified or new definition.

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OUTSPOKE: NOTIFICATION PROPERTY AND CERTAIN RELATED ITEMS

SECRET

CURRENT I/L LISTINGS			PROPOSED REVISION OF I/L LISTINGS				
I/L No.	DEFINITIONS	ACTION	EMBARGO	WATCH	NEW ITEM NO.	SOURCE ITEM NO.	DEFINITIONS
1087	External surface broaching machines; and external surface broaching tools.	Delete.					
1088	Gear making machinery: All machinery designed for the manufacture and/or finishing of machine cut gears (except hobbing machines of 48" (1.22 m) maximum work diameter or less, and gear grinding machines of a non-generating type).	Retain as part (f) of new embargo item 1060.					
1089	Honing machines with multiple work stations.	Retain as part (e) of new embargo item 1060.					
1090	Profiling and duplicating machinery, as follows: (a) die-sinking machines; (b) profiling machines for marine and aircraft propeller blades (planing, shaping, milling or grinding); (c) profiling and duplicating milling machines (except propeller types covered by (b)); (d) profiling machines, etc.; (e) attachments for center lathes, capstan lathes, milling machines and vertical lathes, which make them capable of carrying out profiling and duplicating (except taper turning attachments).	Retain parts (a) through (d) and revise in combination with 1089 to form part (g) of new embargo item 1060. Delete part (e).					
New Item		New Item: For simplicity and to focus attention on the better automatic machine tools various items or parts thereof were combined to form new embargo item 1060.	E		1060	1001(b) 1021 1025 1052 p2052	1060 - Cyclic automatic machines* as follows: (a) Vertical boring and turning mills; (b) High grinders; (c) Thread grinding machines; (d) Planer milling machines and combination planer and planer milling machines; with capacity for work pieces 48" (1.22 meters) wide and over or 15' (4.57 meters) long and over. (e) Honing machines with multiple work stations. (f) Gear making machinery: All machinery designed for the manufacture and/or finishing of machine cut gears (except hobbing machines of 48" (1.22 m) maximum work diameter or less, and gear grinding machines of a non-generating type). (g) Profiling and duplicating machinery, as follows: (1) Die-sinking machines; (2) Profiling and duplicating machines (planing, shaping, milling or grinding), etc., except two-dimensional pantograph engraving machines designed to use direct-driven cutters powered by motors of 1/4 hp or less. (h) High precision (fine) boring machines, production types only, capable of an accuracy of 0.0005 inch (0.013 mm) or better. (i) Internal cylindrical grinding machines, automatic sizing and/or centerless types. (TD - a,b,e,d)
					1089 1088		(Criteria - b,c)
					p1090 1019		a,b,c
					2002		b,c
					p3011		c
New Item		New Item: A new embargo item 1065 has been developed to reflect the increasing use of electronic equipment for controlling operations of machine tools. The proposed definition is still under review as to wording.	E		1065	1065	1065 - Engineered electronic feedback controls designed for controlling machine tool cutting and/or forming operations whether or not incorporated in the machines (to be further checked and to be correlated with comparable analysis of automaticity in other categories). (Criteria - b,c; TD - a,b,e,d)
1385	Diamonds suitable for industrial use, including splints and borers. (Note: Interpreted to include industrial diamonds, dust and powder. Also interpreted to include rough cuttable diamonds suitable either for gas stones or industrial diamonds.)	Retain as new embargo item 1070.	E		1070	1385	1070 - Diamonds suitable for industrial use, including splints and borers. (Note: Interpreted to include industrial diamonds, dust and powder. Also interpreted to include rough cuttable diamonds suitable either for gas stones or industrial diamonds.) (Criteria - c; TD - c)
1386	Diamond wire drawing dies, diamond dressers, diamond boring and turning tools, and diamond core drill bits.	Retain as new embargo item 1075.	E		1075	1386	1075 - Diamond wire drawing dies, diamond dressers, diamond boring and turning tools, and diamond core drill bits. (Criteria - c; TD - None)

*Signifies modified or new definition.
TD: cyclic automatic machine is understood to mean any machine which performs a reset cycle of operations repetitively with almost no human intervention. The function of the worker is limited to manual pushbutton starting and stopping, observing and adjusting the performance to correct any malfunction, and repairing and maintaining the machine.

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CATEGORY: VERNACULAR, HORTHY AND CERTAINLY VERNACULAR

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CURRENT I/L LISTINGS				PROPOSED REVISION OF I/L LISTINGS			
I/L NO.	DEFINITIONS	ACTION	REMARKS	NEW I/L NO.	SOURCE	DEFINITIONS	
1387	Diamond grinding wheels, sticks, hoses and lugs.	Retain as new embargo item 1080.	E	1080	1387	1080 - Diamond grinding wheels, sticks, hoses and lugs. (Criteria: of TD - None).	
New Item		A new embargo item 1085 was developed from old C-375.	E	1085	p-375	1085 - Abrasive powders finer than size 600 mesh and abrasive products made therefrom, n.e.s. (Criteria: - of TD - v).	
2001	Vertical boring and turning mills, as follows: Non-automatic types with table diameter 72 inches (1.83 m) up to and including 96 inches (2.50 m).	Delete.					
2002	High precision (fine) boring machines, production type only, capable of an accuracy of 0.0005 inch (0.013 mm) or better.	Retain as part (h) of new embargo item 1060.					
2003	Horizontal combination boring, drilling, and milling machines (horizontal boring machines).	Delete.					
2090	Horizontal spindle lat type automatic milling machines (spindle type) with tables 20 inches (50 cm) wide and over and/or 48 inches (1.22 m) long and over.	Repeals and combine with 2090 to form new item 2010.	U	2010	2090	2010 - Automatic milling machines (spindle type) with tables 20" (50 centimeters) wide and over and/or 48" (1.2 meters) long and over, n.e.s. (Criteria: - of TD - a, b, c)	
2092	Planing machines, planer milling machines, and combination planer and planer milling machines, with capacity for work pieces 48 inches (1.22 m) up to but not including 72 inches (1.83 m) wide and 15 feet (4.57 m) up to but not including 20 feet (6.10 m) long.	Retain by combining coverage except for "planing machines" with new coverage of 1092 to form new embargo item 1060(4); - by combining the "planing machine" coverage of 1092 and 2092 to form new item 2095.					
2070	Forging hammers, as follows: (a) having a falling weight of 3 tons up to and including 6 tons (English or metric); (b) steam, air or mechanical hammers of rated sizes 2.5 tons up to and including 5 tons (English or metric).	Retain as new item 2015.	U	2015	2070	2015 - Forging hammers, as follows: (a) having a falling weight of 3 tons up to and including 6 tons (English or metric); (b) steam, air or mechanical hammers of rated sizes 2.5 tons up to and including 5 tons (English or metric). (Criteria: - of TD - a, b, c)	
2074	Forging machines, as follows: (a) Forging machines capable of operating on bar stock of a diameter exceeding 3.5 inches (8.9 cm) or of equivalent cross section; (b) Forging roll machinery.	Retain as new embargo item 1055.	E	1055	2074	1055 - Forging machines as follows: (a) Forging machines capable of operating on bar stock of a diameter exceeding 3.5 inches (8.9 cm) or of equivalent cross section; (b) Forging roll machinery. (Criteria: - of TD - a, b, c)	
3008	Multi-station machine tools in which the work piece is indexed or transferred successively from station to station.	Retain as new item 2020.	U	2020	3008	2020 - Multi-station machine tools in which the work piece is indexed or transferred successively from station to station, n.e.s. (Criteria: - of TD - a, b, c)	
3010	External cylindrical grinding machines, centerless (whether or not automatic sliding).	Delete.					
3011	Internal cylindrical grinding machines, mechanical or hydraulic feed, production type only (i.e., automatic feed, automatic sliding, or centerless).	Retain part of coverage as part (4) of 1060 and delete remainder.					
3012	Combined internal and external cylindrical grinding machines.	Delete.					
3017	Single-spindle surface grinders, n.e.s., with table width of 12 inches (30 cm) or more.	Delete.					
3018	Grainers, crushers, and saws/grinders, with capacity for shafts 48 inches (1.22 m) long or over, (AGGREGATE shafts not exceeding 5 metric or English tons total weight and designed for or equipped with a wheel head motor not exceeding 12 hp).	Delete.					
3034	Acid lathe	Delete.					
3090	Automatic milling machines (spindle type) with tables 20 inches (50 cm) wide and over and/or 48 inches (1.22 m) long and over (AGGREGATE horizontal spindle bed type covered by item 2090).	Retain by combining with 2090 to form new item 2010.					
3095	Horizontal drive-cut shapers, hydraulic or mechanical, with a stroke of 10 inches (25 cm) or more.	Delete.					

Signifies modified or new definition.

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CLASSIFICATION: METALLURGICAL, MECHANICAL AND CHEMISTRY RELATED ITEMS

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5.

CURRENT I/L LISTINGS				PROPOSED REVISION OF I/L LISTINGS			
I/L NO.	DEFINITIONS	ACTION	DELETED	DATE	ITEM NO.	SOURCE	ITEM NO.
3067	Metal cutting and working tools (not incorporating diamonds) for metalworking operations, as follows: (a) broaching tools, (except those covered by item 1067); (b) gear cutting tools, (except hobbs); (c) forging roll sets.	Delete					
3068	Ceride and carbide-tipped cutting tools or dies for metal-working machinery, as follows: (a) broaching tools; (b) special dies; (c) inserts (tips).	1/ Delete most of this item; a re-wording of the definition is necessary to include the latest developments in this field provide a basis for any control. 2/ It is believed that this item should be controlled at least by reference to the list of items in the field of metalworking machinery. It is believed that this item is being made to determine whether because of certain recent developments in the cold forging process of importance to the production of ammunition, some part of this item may warrant embargo.					
3072	Presses, mechanical and hydraulic with rated pressures 1000 tons or less. (Excludes the "presses" mentioned are those commonly used in the metal-forming industry of the exporting country.)						

1/ Further review still underway.

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CATEGORY: CHEMICAL AND PETROLEUM EQUIPMENT

SECRET

CURRENT I/L LISTINGS

PROPOSED REVISION OF I/L LISTINGS

I/L NO.	DESCRIPTIONS	ACTION	REMARKS	WATCH	ITEM NO.	SOURCE	ITEM NO.	DESCRIPTIONS
1101	Equipment specially designed for the production of nitrogen tetroxide and/or its conversion to nitric acid of 98 percent or higher concentration.	Rebids as new embargo item 1101.	R		1101	1101	1101	Equipment specially designed for the production of nitrogen tetroxide and/or its conversion to nitric acid of 98 percent or higher concentration. (Criteria - a, b, c, d, e)
1106	Centrifugal counter-current solvent extractors.	Rebids and expand to form new embargo item 1105.	E		1105	1106	1106	Centrifugal counter-current extractors and specialized parts and controls therefor. (Criteria - a, b, c, d, e)
1110	Gas-liquefying equipment, as follows: (a) liquid oxygen or liquid hydrogen producing plants specially designed to be mobile or transportable in one or more units; (b) gas-liquefying equipment; (c) equipment for the separation of helium from helium.	Rebids and expand in combination with item 1110. This action reflects increased use of such equipment for military purposes.	R		1110	1110	1110	Gas-liquefying equipment, as follows: (a) Equipment for the separation of helium from natural gases; (b) Gas-liquefying equipment designed for operation at pressures of 100 psi or over, n.s.s., except equipment specially designed for liquefying chlorine and ammonia or stationary equipment for liquefying carbon dioxide. (Criteria - a, b, c, d, e)
1112	Equipment for the production of hydrogen and deuterium oxides, as follows: (a) complete installations capable of producing hydrogen at a rate of 30,000 cu ft (850 cu m) or more per hour; (b) equipment for production or concentration of deuterium oxide; (c) electrolytic cells for the production of hydrogen at a rate of 60 cu ft (1.7 cu m) or more per hour.	Rebids and expand in combination with item 1110 to form new embargo item 1115.	R		1115	1112	1112	Equipment for the production of hydrogen and/or deuterium oxide, as follows: (a) Complete installations capable of producing hydrogen by the electrolytic process at a rate of 30,000 cu ft (850 cu m) or more per hour; (b) Equipment for production or concentration of deuterium oxide; (c) Hydrogen producing equipment utilizing gas-catalytic or gas extraction processes and hydrogen purification equipment therefor. (Criteria - a, b, c, d, e)
1118	Equipment for the production of military explosives, as follows: (a) complete installations; (see list of key specialized components in Interpretative Note No. 4); (b) specialized components in Interpretative Note No. 4; (c) Nitration: batch types with a capacity of 125 Imperial gallons (570 liters) or more, and continuous types.	Rebids as new embargo item 1120.	R		1120	1118	1120	Equipment for the production of military explosives, as follows: (a) Complete installations; (see list of key specialized components in Interpretative Note No. 4); (b) Specialized components in Interpretative Note No. 4; (c) Nitration: batch types with a capacity of 125 Imperial gallons (570 liters) or more, and continuous types. (Criteria - a, b, c, d, e)
1125	Plant for the production of titanium metal (excluding separate plant for the production of titanium tetrachloride), as follows: (a) complete installations; (b) specialized components.	Rebids and expand to cover silicon products using equivalent equipment and additional process equipment to form new embargo item 1125.	R		1125	1125	1125	Plant for the production of titanium and silicon metals (excluding separate plant for the production of titanium or silicon tetrachloride), as follows: (a) Complete installations; (b) Specialized components; (c) Electric furnaces specially designed for the recovery of titanium or silicon from scrap. (Criteria - a, b, c, d, e)
1130	Compressor, n.s.s., of 300 hp or more capable of delivering air, gases or vapors at pressures exceeding 450 psi (32 kg per sq cm).	Rebids as new embargo item 1130.	R		1130	1130	1130	Compressor, n.s.s., of 300 hp or more capable of delivering air, gases or vapors at pressures exceeding 450 psi (32 kg per sq cm). (Criteria - c, d, e - a, b, c, d, e)

*Figures modified or new definition

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PROPOSED REVISION OF I/L LISTINGS

1/ Additions to these plastics may be made following receipt of a further study which has been requested.

PROPOSED REVISION OF I/L LISTINGS

* Signifies modified or new definition

SECRET

CATEGORY: CRITICAL AND PERTINENT SUMMARY

SECRET 9.

CURRENT I/L LISTINGS

PROPOSED REVISION OF I/L LISTINGS

I/L NO.	DESCRIPTION	ACTION	DATE	WTR	REF	STATUS	REMARKS
					NO.	NO.	

New Item A new embargo item 1170 has been developed to reflect the increasing strategic importance of certain plastics and resins in the production of chemical and pharmaceutical products. The item is defined as follows: (1) plastics and resins used in the production of chemical and pharmaceutical products; (2) plastics and resins used in the production of electrical and electronic equipment; (3) plastics and resins used in the production of mechanical and structural components; (4) plastics and resins used in the production of transportation equipment; (5) plastics and resins used in the production of agricultural equipment; (6) plastics and resins used in the production of other equipment. The item is classified as follows: (1) plastics and resins used in the production of chemical and pharmaceutical products; (2) plastics and resins used in the production of electrical and electronic equipment; (3) plastics and resins used in the production of mechanical and structural components; (4) plastics and resins used in the production of transportation equipment; (5) plastics and resins used in the production of agricultural equipment; (6) plastics and resins used in the production of other equipment.

New Item A new embargo item 1175 has been developed to reflect the increasing strategic importance of certain plastics and resins in the production of chemical and pharmaceutical products. The item is defined as follows: (1) plastics and resins used in the production of chemical and pharmaceutical products; (2) plastics and resins used in the production of electrical and electronic equipment; (3) plastics and resins used in the production of mechanical and structural components; (4) plastics and resins used in the production of transportation equipment; (5) plastics and resins used in the production of agricultural equipment; (6) plastics and resins used in the production of other equipment. The item is classified as follows: (1) plastics and resins used in the production of chemical and pharmaceutical products; (2) plastics and resins used in the production of electrical and electronic equipment; (3) plastics and resins used in the production of mechanical and structural components; (4) plastics and resins used in the production of transportation equipment; (5) plastics and resins used in the production of agricultural equipment; (6) plastics and resins used in the production of other equipment.

New Item A new embargo item 1176 has been developed to reflect the increasing strategic importance of certain plastics and resins in the production of chemical and pharmaceutical products. The item is defined as follows: (1) plastics and resins used in the production of chemical and pharmaceutical products; (2) plastics and resins used in the production of electrical and electronic equipment; (3) plastics and resins used in the production of mechanical and structural components; (4) plastics and resins used in the production of transportation equipment; (5) plastics and resins used in the production of agricultural equipment; (6) plastics and resins used in the production of other equipment. The item is classified as follows: (1) plastics and resins used in the production of chemical and pharmaceutical products; (2) plastics and resins used in the production of electrical and electronic equipment; (3) plastics and resins used in the production of mechanical and structural components; (4) plastics and resins used in the production of transportation equipment; (5) plastics and resins used in the production of agricultural equipment; (6) plastics and resins used in the production of other equipment.

2129 Pumps (except vacuum pumps and those pumps covered by items 1121(a) and 1121(c)) delivering liquids separately or in combination with solids and/or gases and having all flow contact surfaces made of steel, stainless steel, titanium, or other materials of corrosion resistance, either separately or combined. (EXCEPT the following types of valves: (a) direct, non-return and float valves; (b) pressure valves; (c) valves and cocks specially designed for milking machines and for electrical household refrigerators and home freezers).

2133 Pipe valves and cocks having all flow contact surfaces made of 10 percent or more aluminum or nickel, either separately or combined. (EXCEPT the following types of valves: (a) direct, non-return and float valves; (b) pressure valves; (c) valves and cocks specially designed for milking machines and for electrical household refrigerators and home freezers).

2134 Steel pipe, casting and tubing, as follows: (a) (61 mm) outside diameter, conforming with API specifications for line pipe; (b) welded or seamless steel casting and tubing, conforming with API specifications for all country tubular products.

2137 Equipment for the production of chlorine (gaseous or liquid), sodium or magnesium.

2120 Processing equipment operating at pressures over 450 psi (32 kg per sq cm).

2115 Reactor and engine in combination with item 1133 to form new embargo item 1135.

2114 Reactor and engine in combination with item 1134 to form new embargo item 1134.

2113 Reactor and engine in combination with item 1135 to form new embargo item 1135.

2112 Reactor and engine in combination with item 1136 to form new embargo item 1136.

2111 Reactor and engine in combination with item 1137 to form new embargo item 1137.

2110 Reactor and engine in combination with item 1138 to form new embargo item 1138.

2109 Reactor and engine in combination with item 1139 to form new embargo item 1139.

2108 Reactor and engine in combination with item 1140 to form new embargo item 1140.

2107 Reactor and engine in combination with item 1141 to form new embargo item 1141.

2106 Reactor and engine in combination with item 1142 to form new embargo item 1142.

SECRET

CATEGORY: CHEMICAL AND PETROLEUM EQUIPMENT

SECRET 10.

CURRENT I/L LISTINGS			PROPOSED REVISION OF I/L LISTINGS			
I/L NO.	DEFINITIONS	ACTION	RELAND	WATER	RE. SOURCE	DEFINITIONS
			NO.	NO.	NO.	
3124	Cast iron shafts for grinders, roadsters.	Delete.				
3132	Vacuum pumps, n.e.s., all types, designed to produce a vacuum of 0.1 mm of mercury pressure absolute or less; and specially designed parts.	Retain and combine with part of C-132 to form new which item 2101.	N	2101	3132	*2101 - Vacuum pump, mechanical and ejector, n.e.s., which (a) are designed to produce a vacuum of 50 mm of mercury pressure absolute or less; (b) regulate or vacuum produced; are fabricated of or less than 140; or corrosion-resistant material. (Cordless - G, D - none)
3132	Pipe and tubing made of or lined with polyethylene.	Retain and expand in combination with items 3120 and C-113 to form new which item 2115.				
3134	Welded or seamless steel pipe of 24 inches (61 cm) outside diameter or less, conforming with API specifications for line pipe.	Delete.				
New Item			N	2110	C-106	*2110 - Vacuum freeze-drying equipment as follows: (a) complete installation; (b) specialized parts as follows: (1) centrifugal vacuum spin freezing apparatus (Cordless - G, D - none); (2) - none

* signifies modified or new definition

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CLASSIFICATION: ELECTRICAL AND POWER GENERATING EQUIPMENT

11. SECRET

CURRENT I/L LISTINGS				PROPOSED REVISION OF I/L LISTINGS			
I/L NO.	DEFINITIONS	ACTION	DISCARD	NEW I/L NO.	NEW I/L NO.	DEFINITIONS	
1210	Searchlight control units.	Delete					
1255	Diesel engines, as follows: (a) 1500 hp and over with rotary speed of 600 rpm or over (except those incorporated in generator sets); (b) 50 hp and over, whose non-synchronous constant exceeds 50 percent of their total weight.	Retain and expand to form new embargo item 1201; addition of new free piston engine turbines.		1201	1255	* 1201 - Diesel engines, as follows: (a) 1500 hp and over with rotary speed of 600 rpm or over (except those incorporated in generator sets); (b) 50 hp and over, whose non-synchronous constant exceeds 50 percent of their total weight; (c) Free piston engines. (Criteria - b,c; TD - b,a)	
1260	Electric motors over 1,000 hp, reversing type, liquid cooled and totally enclosed.	Retain as new embargo item 1205.		1205	1260	1205 - Electric motors over 1,000 hp, reversing type, liquid cooled and totally enclosed. (Criteria - a; TD - b,c)	
1266	Rotating electrical machinery, as follows: (a) Electric generators, turbo-generators, turbines designed for over 5000 kw and specially designed parts; (b) Electric motors of 12,500 hp and over; and automatic and semi-automatic equipment for starting, stopping, reversing and speed control for these motors.	Retain part (a) (generating equipment) and expand to combination with part of item 2266 and C-266 (b) (generating equipment) as new embargo item 1215.		1210	1266	* 1210 - Electric power generating and distribution equipment, as follows: (a) Electric generators, generator sets (including motor generating sets), turbines designed for turbo-generators and synchronous condensers (and specially designed parts therefor), as follows: (1) 5000 kw and over up to and including 5000 kw; (2) 5000 kw and over up to and including 5000 kw; (3) Stationary units of 50,000 kw or over. (b) Transformers, n.a.s., and autotransformers, as follows: (1) Transformers made of materials listed in item 1204; (2) Power transformers of 50,000 kva or over; (3) Autotransformers of 100,000 kva rating or over. (Criteria - b,c; TD - b,c)	
Key Item				1215	1266	1215 - Electric motors of 12,500 hp and over; and automatic and semi-automatic equipment for starting, stopping, reversing and speed control for these motors. (Criteria - b,c; TD - a,b,c)	
2265	Electric motors, n.a.s., of 5,000 hp up to but not including 12,500 hp; and automatic and semi-automatic equipment for starting, stopping, reversing and speed control for these motors.	A new embargo item 1220 has been developed to reflect the increasing importance and the latest technical/optical developments in high pressure and high temperature boiler plants. A new embargo item 1230 was developed to reflect boiler components of power cables as well as copper wire. Retain and combine with item 3565 and part of 2266 to form new item 2205.		1220	1230	* 1220 - Boiler plants designed to operate at pressures of 1250 psi or over and at temperatures of 1050°f or over, and specially designed equipment and components therefor. (Criteria - b,c; TD - a,b,c,d,e)	
2266	Electric generators, turbo-generators, turbines designed for turbo-generators, synchronous condensers and motor generator sets of 5,000 kw and over, n.a.s.; and specially designed parts.	Retain the larger stationary sizes of 30,000 kw or over, and all other sizes in combination with parts of item 1266 and C-266 to form new embargo item 1210. Retain stationary sizes up to 30,000 kw and combine with item 2265 and 3565 to form new item 2205.		2205	2266	* 2205 - Single or multiple electric power cables insulated with paper and metal sheathed, with or without armor and/or serving, n.a.s. (Criteria - c; TD - c,d,e)	
2270	Turbines, all types, of 2,000 hp and over (except those designed for driving electric generators); and specially designed parts.	Retain gas turbines to form new embargo item 1225; retain larger sizes of other turbines to form new item 2201; delete smaller sizes.		1225	2270	* 1225 - Gas turbines, n.a.s., of 20,000 hp or over. (Criteria - b,c; TD - a,b,c,d,e)	
				2201	2270	* 2201 - Turbines, n.a.s., of 10,000 hp or over. (Criteria - b,c; TD - a,b,c)	

*Significant modified or new definition.

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CLASSIFICATION AND POWER REGULATING EQUIPMENT

SECRET 12.

I/L NO.	CURRENT I/L LISTINGS	ACTION	PROPOSED REVISION OF I/L LISTINGS		DEFINITIONS
			NEW I/L NO.	REASON	
3202	Electric motors for underwater cutting by the arc-oxygen process.	Delete			
3256	Diesel engines, n.e.s., as follows: (a) 300 to 800 hp with rotary speeds of 600 rpm or over; (b) 800 hp or over, with rotary speeds of 400 rpm or over; (c) 1,500 hp or over, with rotary speeds of 200 rpm up to but not including 400 rpm.	Delete			
3265	Electric motors, n.e.s., of 500 hp up to but not including 5,000 hp; and automatic and semi-automatic equipment for starting, stopping, reversing and speed control for these motors.	Retain and combine with items 2265 and part of 2266 to form new item 2265.			

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CATEGORY: GENERAL INDUSTRIAL EQUIPMENT

SECRET

PROPOSED REVISION OF I/L LISTINGS

	Σ	
1305 Metal rolling mills, all types; and controls thereon.	1301	1305 <u>1301</u> - Metal rolling mills, all types; and controls thereon ($\text{C}_{\text{steel}} = b_1 \text{ or } D - a_1 b_1 c_1 d_1 e$)
1306 Belts as now carrying item 1301. While recognizing the high relative importance of metal rolling		

Retain as part (a) of new proposed embargo item 1420.

1420
pl4.50
1321
p24.50
pc-4.50

*1/20 - RTM Bowers and other vehicles, the following:

- (a) *transverse*, wheel or wheeling type(s), excluding truck track(s), of 100 bands ip(s) or over;
- (b) *tracks* and *track transverse* (bushes) of 135 bands ip(s) or over, or with multiple band drive in combination with 100 bands ip(s) or over;
- (c) *second-order* vehicles of 70 bands ip(s) or over possessing both *transverse* and *track* drive;
- (d) *front* and *rear* wheel drive and for which military specifications, differing materially from commercial specifications, are currently in effect;
- (e) *chassis*, *engines* and specially designed parts for the above equipment.

Note: The term "bands ip" is intended to mean "band ip measured at the fly wheel", i.e., in terms of the ip rating established by dynamometer tests at the manufacturer's rated operating speed and with all normal accessories (excl. fuel pump, alternator, air filter, etc.) functioning. (Cfr. $W_{100} - W_{100} - G_{100}$).

Dalton

(a) soil compactors with pneumatic tired wheels, riding type, of 30,000 lbs. or (13 metric tons) net vehicle weight or over;

(b) pneumatic tire trailers for such soil compactors (whether or not mounted on the wheels) of 35,000 x 21 disc or over, and rated 35 ply or over.

✶

1305	1325
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305 - Construction equipment, specially designed for aircraft transport.
(Criteria - a_j , m - b_j , c)

1350 34.1

Carbon black furnaces, controlled atmosphere types (intermittent or continuous).

*1165 - Carbon black furnaces, controlled atmosphere types (intermittent or continuous) and specially designed parts therefore

1562	1353
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able-sanding machinery specially designed for sanding multi-layer electric cables for telecommunications purposes, as follows:

- (a) machinery other than that covered by item 1354, for applying insulating material to conductors;
- (b) machinery for laying conductors together and/or for applying and insulating, separately, braid- ing, or identifying material thereon;
- (c) machinery for laying up conductors, pairs, quads, etc., together to form the complete cable core or part thereof.

2502 - Video-taping machinery specially designed for making multicamera electric cable for telecommunication purposes. An

- (a) machinery other than that covered by Item 1564, for applying insulating material to conductors;
- (b) machinery for laying conductors to together and/or for splicing and insulating, separating, bundling, or identifying materials thereto;
- (c) machinery for laying out conductors, piling, guaging, etc., together to form the complete cable core or part thereof (Caterpillar 4-1345; ID - 4-1345).

* Signifies new or modified definition

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GENERAL INDUSTRIAL EQUIPMENT

SECRET

14.

CURRENT I/L LISTINGS				PROPOSED REVISION OF I/L LISTINGS			
I/L NO.	DEFINITIONS	ACTION	REMARKS	NEW I/L NO.	STATUS	DEFINITIONS	
1354	Cable-sealing machinery specially designed for sealing coaxial cables, as follows: (a) machines for applying insulating epoxies to the inner conductor of air-spaced coaxial electric cables; (b) machines for applying metal strip or sheet to form the outer conductor of coaxial electric cables; (c) machines for forming, stranding, or assembling coaxial cables, with or without conductors other than coaxial tubes; (d) automatic equipment for controlling the diameter or the eccentricity of extruded dielectric on wires and cables.	Rebids to form new embargo item 1565.	X	1564	1354	1564 - Cable-sealing machinery specially designed for sealing coaxial cables, as follows: (a) machines for applying insulating epoxies to the inner conductor of air-spaced coaxial electric cables; (b) machines for applying metal strip or sheet to form the outer conductor of coaxial electric cables; (c) machines for forming, stranding, or assembling coaxial cables, with or without conductors other than coaxial tubes; (d) automatic equipment for controlling the diameter or the eccentricity of extruded dielectric on wires and cables. (Criteria - a, b, c; TD - a, b, c)	
1355	Radio-valve manufacturing machinery.	Rebids and amend to form new embargo item 1560.	X	1560	1355	1560 - Equipment, n.e.s., specially designed for the production of components for and the assembly of electronic valves, transistors or crystal diodes. (Criteria - a, b, c; TD - a, b, c, d, e)	
1380	Compressors and blowers as follows: (a) (1) turbo-compressors or blowers capable of operating with a compression ratio of 2:1 or more and capable of operating with a maximum internal air flow exceeding a Mach No. of 0.7; (2) turbo-compressors or blowers of axial flow type with a compression ratio of 2:1 or more and capable of operating with a maximum internal air flow exceeding a Mach No. 0.7; (b) compressors or blowers capable of an overall compression ratio of 2:1 or more coupled with a capacity of over 124,000 cu. ft. (3,500 cu. m) per minute, or capacity of an overall compression ratio of over 3:1 coupled with a capacity of over 35,300 cu. ft. (1,000 cu. m) per minute; (c) compressors or blowers capable of handling a mass flow of over 2,500 lbs. (1,134 kg) per minute and designed for operating with intake above atmospheric pressure. (Criteria - a, b, c; TD - b, c)	Rebids to form new embargo item 1310.	X	1310	1380	1310 - Compressors and blowers as follows: (a) (1) turbo-compressors or blowers capable of operating with a maximum internal air flow exceeding a Mach No. of 0.7; (2) turbo-compressors or blowers of axial flow type with a compression ratio of 2:1 or more and capable of operating with a maximum internal air flow exceeding a Mach No. 0.7; (b) compressors or blowers capable of an overall compression ratio of 2:1 or more coupled with a capacity of over 124,000 cu. ft. (3,500 cu. m) per minute, or capacity of an overall compression ratio of over 3:1 coupled with a capacity of over 35,300 cu. ft. (1,000 cu. m) per minute; (c) compressors or blowers capable of handling a mass flow of over 2,500 lbs. (1,134 kg) per minute and designed for operating with intake above atmospheric pressure. (Criteria - a, b, c; TD - b, c)	
1385	Diamond suitable for industrial use, including splints and borers. (Notes: Interpreted to include industrial diamonds, dust and powder. Also interpreted to include rough cuttable diamond suitable either for gem stones or industrial diamonds.)	Rebids to form new embargo item 1070.	X	1070	1385	1070 - Diamond suitable for industrial use, including splints and borers. (Notes: Interpreted to include industrial diamonds, dust and powder. Also interpreted to include rough cuttable diamond suitable either for gem stones or industrial diamonds.) (Criteria - c; TD - c)	
1386	Diamond wire grinding discs, diamond dressers, diamond boring and turning tools, and diamond core drill bits.	Rebids to form new embargo item 1075.	X	1075	1386	1075 - Diamond wire grinding discs, diamond dressers, diamond boring and turning tools, and diamond core drill bits. (Criteria - c; TD - b, c)	
1387	Diamond grinding wheels, sticks, boxes and taps.	Rebids to form new embargo item 1080.	X	1080	1387	1080 - Diamond grinding wheels, sticks, boxes and taps. (Criteria - c; TD - c)	
2568	Electronic automatic controlling units, whether or not designed to regulate flow by means of pneumatic, hydraulic or electric means in response to an AC or DC voltage produced by a measuring unit in the process stream. (Notes: "Controlling unit" means the unit comprising those elements which apply control action to the regulating unit in response to an electric signal, which is obtained by using an electronic amplifier (by using an electronic feed back stabilized amplifier) the desired value with the value of the controlled condition as indicated by the measuring unit.)	Rebids as new embargo item 1315.	X	1315	2568	1315 - Electronic automatic controlling units, whether or not designed to regulate flow by means of pneumatic, hydraulic or electric means in response to an AC or DC voltage produced by a measuring unit in the process stream. (Notes: "Controlling unit" means the unit comprising those elements which apply control action to the regulating unit in response to an electric signal, which is obtained by using an electronic amplifier (by using an electronic feed back stabilized amplifier) the desired value with the value of the controlled condition as indicated by the measuring unit.) (Criteria - b, c; TD - a, b, c, d, e)	

* Signifies new or modified definition.

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CATEGORY: GENERAL INDUSTRIAL EQUIPMENT

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15.

PROPOSED REVISION OF I/L LISTINGS

* Signifies new or modified definition.

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CLISCOF: TRANSCHESSION EQUIPMENT

Summary

16.

CURRENT I/L LISTINGS

PROPOSED REVISION OF/L LISTINGS

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17.

(1) Avoid the incorporation of any of the following features:

- (a) Special strengthening or construction to facilitate fitting of weapons or various equipment;
- (b) Fitting of protective armor or any defensive structures;
- (c) Preparation for the installation of degrading or demoralizing equipment;
- (d) Abnormal fuel capacity;
- (e) Abnormal electrical generating capacity.

(2) Avoid the installation of Venturions last items and to remove them before sale if already installed.

(3) Avoid the installation of the following last item and to the maximum extent possible to arrange their removal before sale if already installed:

- (a) cables (wires) with a further defence purpose and wire-ropeing. (II 1405);
- (b) minesweeping equipment (magnetic and acoustic). (II 1110);
- (c) minesweeping equipment (magnetic and acoustic). (II 1435);
- (d) gyro-compasses (gyro repeaters). (II 1522);
- (e) deminutional equipment of a kind under inter-war military or naval use, for detecting or locating objects under water by magnetic or acoustic or ultrasonic methods (except marine depth sounders).
- (f) location apparatus, under-water: apparatus for detecting or locating objects under water by magnetic or acoustic or ultrasonic methods (except marine depth sounders);
- (g) a difference of submerged objects vertically below the apparatus, and specialised components of such apparatus. (II 1510);
- (h) marine radar equipment, (included in II 1506 and 1522).

(4.) Substitutes, wherever possible, two strategies-items in place of the following list of items

- (a) Diesel engines (types described in IL 1201);
(b) Electric motors (types described in IL 1205)

II. Completion of New Ships.

Work which contributes significantly to the completion of a new ship for the Sino-Soviet Bloc should be governed by the same rules as the construction of a complete ship. The construction of light ships should be prohibited and that of merchant ships should be treated under the provisions of the watch list.

III. Repairs and Alterations to Vessels Owned by the Sino-Soviet Bloc

(c) A vessel which is used to transform a vessel or hull into a vessel appearing on List I or the Prohibited List should be prohibited.

- (1) Any sort which used to translocating a vessel or hull into a vessel appearing on lists or in the publications listed in Part I or the functions list; or manifesting in the addition of any sort which used to translocating a vessel or hull into a vessel appearing on lists or in the publications listed in Part I or the functions list;
- (2) Any report or information containing the identification or replacement of any part or equipment located in Part I or the functions list; or manifesting in the addition of any of the above information.
- (3) In any case where paragraph III (c) does not conflict with national law or with the requirements of Classification Societies or International treaties, conventions or agreements, it is understood that exceptions to the foregoing will be necessary.
- Where practicable the Committee will be informed of such exceptions.

IV. Principles on Bare-Boat Chartering to the Sino-Soviet Bloc

- (1) The objectives of this scenario on the sale of vessels should not be frustrated by bareboat chartering.
- (2) Accordingly, it is agreed to take such steps as may be possible to prevent the chartering of any scenario type vessels under such arrangements to an extent which would defeat the country's on such vessels.
- (3) In permitting bareboat chartering to Singapore, Governments should bear in mind that an operation of this nature might have the same disadvantages from the strategic point of view, as the sale of a vessel.

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CARGO: TRANSPORTATION EQUIPMENT

19. SECRET

CURRENT I/L LISTINGS

PROPOSED REVISION OF I/L LISTINGS

I/L NO.	DEFINITIONS	ACTION	REMOVED	ADDED	ITEM NO.	ITEM NO.	DEFINITIONS
1471	Pushion locomotives, as follows: (a) general service (line) switching and industrial locomotives of a gauge greater than 4 ft., 8 in. (1,422 mm) with an individual axle load greater than 12 metric tons; (b) parts specially designed for the above locomotives.	Rebids as new embargo item 1425.	X		1425	1471	1425 - Pushion locomotives, as follows: (a) general service (line) switching and industrial locomotives of a gauge greater than 4 ft., 8 in. (1,422 mm) with an individual axle load greater than 12 metric tons; (b) parts specially designed for the above locomotives. (Criteria - b; D - 4, b, c, d.)
1481	Centralized traffic control (CTC) system of railway signaling controlled by code impulses and parts specially designed therefor.	Rebids as new embargo item 1430.	X		1430	1481	1430 - Centralized traffic control (CTC) system of railway signaling controlled by code impulses and parts specially designed therefor. (Criteria - b; c; D - 4, b, c, d)
1485	Compass and gyroscopic equipment, as follows: (a) gyro compasses; (b) transmitting magnetic compasses; (c) gyro-magnetic compasses; (d) repeaters for these compasses; (e) gyroscopic stabilizers; (f) gyroscopic steering controls.	Rebids as new embargo item 1435.	X		1435	1485	1435 - Compass and gyroscopic equipment, as follows: (a) gyro compasses; (b) transmitting magnetic compasses; (c) gyro-magnetic compasses; (d) repeaters for these compasses; (e) gyroscopic stabilizers; (f) gyroscopic steering controls. (Criteria - 4, b, c; D - 4, b, c, d, e)
2401	Hydroge and specialized dredge equipment and components, such as grabs, buckets, cutters, ladlers, centrifugal pumps, and floating and shore pipelines.	Rebids as new vehicle item 2401.		V	2401	2401	2401 - Dredger and specialized dredge equipment and components, such as grabs, buckets, cutters, ladlers, centrifugal pumps, and floating and shore pipelines. (Criteria - b; D - b, c)
2405	Ice-breaking of under 2000 short ton and similar vessels designed for breaking ice having any of the following: (a) bow propeller; (b) special hull shape; (c) propulsion plant permitting quick reversing and development of maximum power at all speeds; (d) stern end arrangement for loading operations; (e) stern electric propulsion and pumping facilities.	Delists.					
2415	Other vessels (exclusive of types covered by item 1417), as follows (and hulls, or parts of hulls therefor): (a) merchant ships having (1) a gross tonnage over 7000 gross registered tons, independent of 1200, GRT (2) an operating speed in excess of over 12 knots; (b) dedicated (see item 2416); (c) merchant ships, n.a.s.; (d) other vessels, n.a.s.; over 40 feet (12 m) in length or over 50 feet (15 m) in beam (or equivalent). (Note: Sub-item 2415a is subject to a special understanding.)	Rebids part of (a) and combine items 1401, 1405, 1410, 1415 and part of 1416 and 1417 to form new embargo item 1401. Rebids part of (a) to form new vehicle item 2405. Delists parts (b), (c), and (d).		V	2405	2415a	2405 - Sea-going ships (including coasters but excluding fishing vessels), n.a.s. (Criteria - c; D - b)
2416	Fishing vessels and hulls therefor, with length between perpendiculars over 50 feet (15 m), (except those covered by item 1416 and 1416).	Delists.					
2450	Automotive vehicles or chassis, having front and rear drives, n.a.s.; and specially designed parts therefor.	Rebids coverage of military types in combination with item 2417 and part of item 1450 to form new embargo item 1401. Delists remaining coverage.					
2479	Well cars with a load capacity of 80 tons or over.	Rebids in combination with item 1472, 1479, 1479 and part of 1479 to form new vehicle item 2410.		V	2410	2479	2410 - Rolling stock with 4 or more axles. (Criteria - c; D - b)

* Signifies new or modified definition.

SECRET

CANDID: TELECOMMUNICATIONS

33:22:17 20.

CURRENT I/L LISTINGS				PROPOSED REVISION OF I/L LISTINGS			
I/L NO.	DEFINITIONS	ACTION	DELETED	W/CH	NEW I/L NO.	SCORE	DEFINITIONS
3416	Fishing vessels, as follows: (a) steel hulls and beam vessels over 50 feet (15 m) but under 130 feet (40 m) in length between perpendiculars, either fitted with spouton platforms for line fishing or of the long line type; (b) cutters (120', small coastal fishing vessels), motor driven; (1) motor driven; (2) fitted with sailing equipment; (3) length between perpendiculars over 50 feet (15 m) but no over 81 ft. 3 in. (24.4 m); (4) beam not over 21 ft. 2 in. (6.4 m); (5) draught not over 8 ft. 1 in. (2.4 m); (6) engine not over 120 hp and having a normal electrical generator not over 5 kw. Delete.						
3450	Galvanized steel cable, rope, strand or cord, of all types with or without a textile or fibre core, containing one or more strands composed of three or more threads or wires, provided that any one such thread or wire has a tensile strength (breaking strength) of 180 kg per sq mm or more. Delete.						
3441	Marine steam boilers, i.e., having a capacity to generate less than 11 lbs. of steam per sq. ft. (54 kg per sq m) of tubular heating surface at pressures of 450 psi (32 kg per sq cm) or more, and feed water heaters for such boilers. Delete.						
3470	Diesel electric, diesel and electric locomotives, as follows: (a) passenger service (1200) railcars and industrial locomotives of a gauge greater than 4 ft. 8 in. (1.42 m) or with an individual axle load greater than 12 metric tons; (b) parts specially designed for the above locomotives. Delete.						
3472	Plant cars with a load capacity of 40 tons or more. Delete.						
3474	Tank cars (w11) with a load capacity of over 10 tons. Delete.						
3477	Railway rails of 70 lbs. or more per linear yard (35 kg or more per meter). Delete.						
3479	Well cars with a load capacity from 40 tons up to, but not including, 80 tons. Delete.						
3481	Automatic (black type) railway signal systems (except CTC system covered by item 1281) and parts specially designed for such systems. Delete.						

2415 - Automatic (black type) railway signal systems (except CTC system covered by item 1281) and parts specially designed for such systems.
(Criteria - of m - b)

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CATEGORY: ELECTRONICS AND PRECISION INSTRUMENTS

SECRET 21.

PROPOSED REVISION OF I/L LISTINGS

SECRET

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CATEGORY: INFORMATIONAL AND PROSECUTION INSTRUMENTS

SECRET

23.

CURRENT I/L LISTINGS

PROPOSED REVISIONS OF I/L LISTINGS

I/L NO.	DEFINITIONS	ACTION	REASON	NAME	NEW I/L NO.	SOURCE I/L NO.	DEFINITIONS
1517	Continued	Retain as new embargo item 1513	2		1513	1517	1513 - Continued
	(5) rapid selection, by means of preadjusted tuning controls, between four or more radio frequency carrier frequencies in equipment designed for operation in commercial working vehicles; or between two or more radio frequency carrier frequencies in equipment not so designed;						(5) rapid selection, by means of preadjusted tuning controls, between four or more radio frequency carrier frequencies in equipment designed for operation in commercial working vehicles; or between two or more radio frequency carrier frequencies in equipment not so designed;
	(6) modulation bandwidth greater than 4 kilocycles in equipment not so designed;						(6) modulation bandwidth greater than 4 kilocycles in equipment not so designed;
	(7) carrier output power, for static and transportable sets, greater than 100 watts, and for mobile sets greater than 25 watts, at any carrier frequency within any of the bands 30 to 41 mc/s, 68 to 87.5 mc/s, 100 to 108 mc/s;						(7) carrier output power, for static and transportable sets, greater than 100 watts, and for mobile sets greater than 25 watts, at any carrier frequency within any of the bands 30 to 41 mc/s, 68 to 87.5 mc/s, 100 to 108 mc/s;
	(8) special facilities for uses other than point-to-point broadcast stations; or a double sound or vision link to within broadcast stations;						(8) special facilities for uses other than point-to-point broadcast stations; or a double sound or vision link to within broadcast stations;
	(c) mobile communications equipment operating at carrier frequencies above 30 mc/s, or headquarter stations therefor, other than those types designed for and already in use in Western countries for normal commercial, civilian purposes;						(c) mobile communications equipment operating at carrier frequencies above 30 mc/s, or headquarter stations therefor, other than those types designed for and already in use in Western countries for normal commercial, civilian purposes;
	(d) transmitters, or transmitter drive oscillators, designed to produce carrier frequencies above 30 mc/s, or headquarter stations therefor, other than those types designed for and already in use in Western countries for normal commercial, civilian purposes;						(d) transmitters, or transmitter drive oscillators, designed to produce carrier frequencies above 30 mc/s, or headquarter stations therefor, other than those types designed for and already in use in Western countries for normal commercial, civilian purposes;
	(e) equipment (mechanical, mechanical, electro-mechanical, or electronic, used to translate the information contained in written or printed text into electrical waveforms suitable for transmission over communications circuits at any speed greater than 200 words per minute or 150 bauds, whichever is the less);						(e) equipment (mechanical, mechanical, electro-mechanical, or electronic, used to translate the information contained in written or printed text into electrical waveforms suitable for transmission over communications circuits at any speed greater than 200 words per minute or 150 bauds, whichever is the less);
	(f) equipment designed to accept such electrical waveforms and display the information from them in visible form;						(f) equipment designed to accept such electrical waveforms and display the information from them in visible form;
	(g) specialized component parts and accessories for such equipment.						(g) specialized component parts and accessories for such equipment.
1518	Telecontrol equipment suitable for controlling pilotless aircraft and guided weapons.	Retain as new embargo item 1514	2		1514	1518	1514 - Telecontrol equipment suitable for controlling pilotless aircraft and guided weapons.
1519	Telegraph equipment, as follows: (a) equipment (mechanical, mechanical, electro-mechanical, or electronic, used to translate the information contained in written or printed text into electrical waveforms suitable for transmission over communications circuits at any speed greater than 200 words per minute or 150 bauds, whichever is the less); (b) equipment designed to accept such electrical waveforms and display the information from them in visible form; (c) specialized component parts and accessories for such equipment.	Retain as new embargo item 1515	2		1515	1519	1515 - Telegraph equipment, as follows: (a) equipment (mechanical, mechanical, electro-mechanical, or electronic, used to translate the information contained in written or printed text into electrical waveforms suitable for transmission over communications circuits at any speed greater than 200 words per minute or 150 bauds, whichever is the less); (b) equipment designed to accept such electrical waveforms and display the information from them in visible form; (c) specialized component parts and accessories for such equipment.
1520	Radio relay communications equipment and specialized components and subassemblies therefor.	Retain as new embargo item 1516	2		1516	1520	1516 - Radio relay communications equipment and specialized components and subassemblies therefor.

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CATEGORY: ELECTRONICS AND ELECTRIC INSTRUMENTS

23.

CURRENT I/L LISTINGS		PROPOSED REVISION OF I/L LISTINGS				DEFINITIONS	
I/L NO.	DEFINITIONS	ACTION	DISCARD	CHANGE	NEW ITEM NO.	SOURCE	DEFINITIONS
1592	Amplifiers, as follows: (a) designed to operate at frequencies in excess of 100 m/c/s and having a bandwidth (defined as the band of frequencies over which the power amplification does not drop to less than one-half of the maximum value) which exceeds 5 m/c/s or 10% of the mean frequency, whichever is less. (The mean frequency is defined as the arithmetic mean between the frequencies at which the power amplification is one-half of its maximum value); (b) above which exceeds 5 m/c/s per second; (c) DC amplifiers having a noise level (referred to the input circuit) of 10-16 volts or less and/or a zero drift of 1 hour corresponding to a change in input power of 10-16 watts or less; (e) capable of a total power output in excess of 500 watts at any frequency or frequencies between 15 k/c/s per second and 200 k/c/s per second.	Retain as new embargo item 1517	E		1517	1592	Amplifiers, as follows: (a) designed to operate at frequencies in excess of 100 m/c/s and having a bandwidth (defined as the band of frequencies over which the power amplification does not drop to less than one-half of the maximum value) which exceeds 5 m/c/s or 10% of the mean frequency, whichever is less. (The mean frequency is defined as the arithmetic mean between the frequencies at which the power amplification is one-half of its maximum value); (b) above which exceeds 5 m/c/s per second; (c) DC amplifiers having a noise level (referred to the input circuit) of 10-16 volts or less and/or a zero drift of 1 hour corresponding to a change in input power of 10-16 watts or less; (e) capable of a total power output in excess of 500 watts at any frequency or frequencies between 15 k/c/s per second and 200 k/c/s per second.
1593	Line communications transmission equipment as follows: (a) terminal and intermediate receiver or amplifier equipment designed to deliver a signal to a terminal, or in, a line communications system; (b) multi-channel telegraph terminal transmitting and receiving equipment; (c) specialized components, accessories and subassemblies for the above equipment.	Retain as new embargo item 1518	E		1518	1593	Line communications transmission equipment as follows: (a) terminal and intermediate receiver or amplifier equipment designed to deliver a signal to a terminal, or in, a line communications system; (b) multi-channel telegraph terminal transmitting and receiving equipment; (c) specialized components, accessories and subassemblies for the above equipment.
1594	Communications submarine cable of all types.	Retain as new embargo item 1520	E		1520	1594	Communications submarine cable of all types.
1595	Coaxial type cables, single or multi-tube, as follows: (a) having an attenuation not exceeding 10 decibels per 100 feet (30.5 m) and a conducting wire ratio of 2 or less, when tested at 100 m/c/s or less; (b) all air-spaced types; (c) all types with polyethylene or polyethylene dielectric.	Retain in combination with 15205 to form new embargo item 1521	E		1521	1595	Coaxial type cables, single or multi-tube, as follows: (a) having an attenuation not exceeding 10 decibels per 100 feet (30.5 m) and a conducting wire ratio of 2 or less, when tested at 100 m/c/s or less; (b) all air-spaced types; (c) all types with polyethylene or polyethylene dielectric.
1596	Communications cable of any type containing more than one pair of conductors and containing any conductor (single or stranded) exceeding 0.9 mm in diameter.	Retain to form new embargo item 1523	E		1523	1596	Communications cable of any type containing more than one pair of conductors and containing any conductor (single or stranded) exceeding 0.9 mm in diameter.
1599	Measuring instruments, as follows: (a) electrical instruments, the following: (1) apparatus for measuring impedance, admittance, capacitance or inductance at frequencies in excess of 100 megacycles per second; (2) variable attenuators giving readings, accurate to less than plus or minus 5 percent of the indicated value expressed in decibels, for frequencies of 1 megacycle per second or above; (3) attenuators for measuring field strength in microvolts or decibels at frequencies of 1 megacycle per second or above; (4) radio-frequency field strength measuring equipment; (5) frequency measuring equipment with an accuracy better than plus or minus 0.01 percent at frequencies over 30 kilocycles per second; (6) electronic stabilized power supplies delivering a DC output voltage within plus or minus 20 percent of the nominal, and/or variation by less than 1 percent of any input voltage nominal, and/or variation within plus or minus 20 percent of the nominal, and/or voltage between no load and maximum rated load;	Retain part (a)(1) and expand to form new embargo item 1525.	E		1525	1599	Measuring instruments, the following: (a) those operating at frequencies exceeding 300 megacycles per second, specifically for measuring or testing electronic items appearing on List 1. (Criteria - a/c; TD - a/b,c)
		Retain part (c) to form new embargo item 1527.	E		1527	1599	Apparatus for automatically sorting electronic components in respect of their electrical characteristics - b/c; TD - a/b,c
		Retain part of (a)(1) to form new List item 2501	E		2501	1599	Electrical instruments, n.e.s., operating at frequencies in excess of 100 megacycles per second. (Criteria - a/c; TD - a/b,c)

*Signifies new or modified definition.

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CATEGORY: MICROMINIATURES AND PHOTOELECTRIC INSTRUMENTS

24. SECRET

CURRENT I/L LISTINGS

PROPOSED REVISION OF I/L LISTINGS

I/L NO.	REVISION	ACTION	REASON	DATE	REASON	REASON	REASON
1529	Continued						
1533	(7) those operating at frequencies exceeding 300 megacycles per second; (b) rectifiers, junctions, or capacitors, rated or variable, with a rated accuracy better than plus or minus 1 percent at 1 megacycle per second or any higher frequency; (c) apparatus for automatically sorting electronic components in respect of their electrical characteristics.	Reverts to form new embargo Item 1528.	1528	1533	1528 - Radio spectrum analyzers (being apparatus capable of indicating the angle-frequency components of multi-frequency oscillations); and specialized parts of such analyzers.		
1537	Special tuned circuits, as follows: (a) electromagnetic waveguides, resonant circuits, and rectifiers of a kind used at frequencies exceeding 600 megacycles per second; (b) articles or equipment incorporating, or designed to be connected to or to be incorporated in, any such waveguide, circuit, or rectifier.	Reverts to form new embargo Item 1529	1529	1537	1529 - Special tuned circuits, as follows: (a) electromagnetic waveguides, resonant circuits, and rectifiers of a kind used at frequencies exceeding 600 megacycles per second; (b) articles or equipment incorporating, or designed to be connected to or to be incorporated in, any such waveguide, circuit, or rectifier.		
1542	(a) with screen amplifier lower than 1/2 second; (b) with writing speeds of more than 3,000 kilowords per second; (c) with 2 or more electron guns.	Reverts to form new embargo Item 1540.	1540	1542	1540 - Cathode-ray tubes, as follows: (a) with screen amplifier lower than 1/2 second; (b) with writing speeds of more than 3,000 kilowords per second; (c) with 2 or more electron guns.		
1544	Crystal diodes specially designed for use at frequencies of 250 or more megacycles per second; and specialized parts thereof.	Reverts to form new embargo Item 1532.	1532	1544	1532 - Crystal diodes specially designed for use at frequencies of 250 or more megacycles per second; and specialized parts thereof.		
1545	Transistors, with any number of electrodes, regardless of operating characteristics; and specialized parts thereof.	Reverts to form new embargo Item 1534.	1534	1545	1534 - Transistors, with any number of electrodes, regardless of operating characteristics; and specialized parts thereof.		
1548	Photoelectric cells, as follows: (a) photoelectric cells with a peak sensitivity at a wave length longer than 12,000 Angstrom units; (b) photoconductors (photo-conductive cells) with a response time constant of one millisecond or less measured at the temperature at which the time constant is minimum.	Reverts to form new embargo Item 1535	1535	1548	1535 - Photoelectric cells, as follows: (a) photoelectric cells with a peak sensitivity at a wave length longer than 12,000 Angstrom units; (b) photoconductors (photo-conductive cells) with a response time constant of one millisecond or less measured at the temperature at which the time constant is minimum.		
1549	Photomultiplier tubes; and specialized parts thereof.	Reverts to form new embargo Item 1537	1537	1549	1537 - Photomultiplier tubes; and specialized parts thereof.		

*Signifies new or modified definition.

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CATEGORY: ELECTRONICS AND PERIPHERAL INSTRUMENTS

25.
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CURRENT I/L LISTINGS				PROPOSED REVISION OF I/L LISTINGS			
I/L NO.	DEFINITIONS	ACTION	REASON	WASH	NEW I/L NO.	SOURCE I/L NO.	DEFINITIONS
1553	X-ray tubes (Thom discharge type).	Repeal to form new embargo item 1559. E	1559	1553	1553	1553	X-ray tubes (Thom discharge type). (Criteria - a,b,c - TD - a,b,c)
1555	Image converter and electronic storage tubes of all kinds, (including standard television broadcasting camera tubes and commercial standard X-ray amplifier tubes), but including vidicon tubes.	Repeal to form new embargo item 1540	1540	1555	1540	1540	Image converter and electronic storage tubes of all kinds, (including standard television broadcasting camera tubes and commercial standard X-ray amplifier tubes), but including vidicon tubes. (Criteria - a,b - TD - a,b,c)
1558	Valves (tubes) electronic, and specialized parts, as follows: (a) valves whose output-input ratio at 30 megacycles per second is 50 percent or more of the output-input ratio at 20 megacycles per second when measured under the same operating voltages and load impedances; (b) those of a kind specially designed for use at frequencies of more than 20 megacycles per second; (c) those of a kind specially designed for use at frequencies of more than 20 megacycles per second which can be passed through a circular hole 1/2" in diameter; (d) those designed to withstand accelerations greater than 450g (g=acceleration under gravity, i.e., 98.6 cm/sec/sec).	Repeal and amend to form new embargo item 1541.	E	1541	1558	1541	Valves (tubes) electronic, and specialized parts, as follows: (a) valves whose output-input ratio at 30 megacycles per second is 50 percent or more of the output-input ratio at 20 megacycles per second when measured under the same operating voltages and load impedances; (b) those of a kind specially designed for use at frequencies of more than 20 megacycles per second; (c) those of a kind specially designed for use at frequencies of more than 20 megacycles per second which can be passed through a circular hole 1/2" in diameter; (d) those designed to withstand accelerations greater than 450g (g=acceleration under gravity, i.e., 98.6 cm/sec/sec). (Criteria - a,b - TD - a,b,c,d,e)
1559	Hydron and iontron tubes as follows: (a) those rated for continuous operation with peak current and peak voltage exceeding 100 amperes and 9000 volts at a pulse repetition frequency of 200 or more pulses per second; (b) hydron hydron tubes of any rating. (Note: The following are definitions of "hydron" and "iontron": Hydron - any hot cathode gas-filled tube containing three or more electrodes, in which anode current flow is initiated by a control electrode; Iontron - any mercury pool (cold cathode) tube with three or more electrodes, in which discharge is initiated by an ignitor electrode.)	Repeal to form new embargo item 1542.	E	1542	1559	1542	Hydron and iontron tubes as follows: (a) those rated for continuous operation with peak current and peak voltage exceeding 100 amperes and 9000 volts at a pulse repetition frequency of 200 or more pulses per second; (b) hydron hydron tubes of any rating. (Note: The following are definitions of "hydron" and "iontron": Hydron - any hot cathode gas-filled tube containing three or more electrodes, in which anode current flow is initiated by a control electrode; Iontron - any mercury pool (cold cathode) tube with three or more electrodes, in which discharge is initiated by an ignitor electrode.) (Criteria - a,b - TD - a,b,c,d,e)
1563	Balance, electronic, capable of detecting differences in weight smaller than 10 micrograms; and specialized parts therefor.	Delete					
1565	Computers, electronic (except business-type calculating machines).	Repeal and amend to form new embargo item 1543.	E	1543	1565	1543	Computers, electronic. (Criteria - a,b,c - TD - a,b,c)
1566	Equipment specially designed to produce electronic assemblies: (a) by depositing or printing on insulating panels (including plates and wafers), or otherwise forming in situ, component parts other than basic wiring; or (b) by electrically inserting and/or soldering components on insulating panels (including plates and wafers), or otherwise wiring is applied by printing or other means.	Repeal to form new embargo item 1544	E	1544	1566	1544	Equipment specially designed to produce electronic assemblies: (a) by depositing or printing on insulating panels (including plates and wafers), or otherwise forming in situ, component parts other than basic wiring; or (b) by electrically inserting and/or soldering components on insulating panels (including plates and wafers), or otherwise wiring is applied by printing or other means. (Criteria - a,b - TD - a,b,c,d,e)

*Signifies new or modified definition.

26.

PROPOSED REVISION OF I/L LISTINGS

1/1 NO.	DESCRIPTIONS	ACTION	STANDARD	WATCH	NEW ITEM NO.	ITEM NO.	REVISION
1568	Control equipment the following: (a) synchros, as follows: (1) control types (transmitters, differential transmitters, and transmitters) rated to have an electrical error of 18 minutes or less when tested by the proportional voltage method; (2) Transmitters and differential transmitters rated to have an electrical error of 18 minutes or less when tested by the proportional voltage method; (11) Receivers and differential receivers rated to have an accuracy of 1.5 degrees or less when tested by the dynamic method; (3) special instruments rated to have the same characteristics as special instruments listed in (1) and (2) above, such as microsyns, resolvers, including single-phase/single-phase, single-phase/two-phase, two phase/two-phase, and three-phase/two-phase types as follows: (1) with a rated electrical error of 0.5 degrees or less; (2) with a rated perpendicularity error between axes of 10 minutes or less; (3) with a rated null voltage of 10 millivolts or less per maximum null voltage; (c) amplifiers, electronic or magnetic, designed for use with resolvers, the following: (1) isolation types; (2) summing types; (d) linear induction potentiometers, as follows: (1) linear induction linearity of 1 percent or less; (2) with a rated null voltage of 10 millivolts or less per maximum null output; (e) induction rate generators, as follows: (1) with a rated linearity of 1 percent or less; (2) with a rated signal-to-noise ratio of 50/1 or greater; (3) all temperature-compensated or temperature-corrected types; (f) torque-to-inertia ratio (load or plain), as follows: (1) designed to operate from power sources of more than 300 cycles per second; (2) designed to have a torque-to-inertia ratio of 3,500 rads per second per second or greater; (g) potentiometers, as follows: (1) linear potentiometers with a rated linearity of 0.1 percent or less; (2) non-linear potentiometers with a rated conformity of 1 percent or less.	Retain to form new embargo item 1545.	3		1545	1568	1545 - 1568
1571	Magnetometers of the following types: (a) fluxgates; (b) electron beam emitting; (c) paramagnetic; (d) nuclear; (e) metal-volts; and specialized parts therefor.	Retain to form new embargo item 1546.	3		1546	1571	1546 -
1572	Magnetic recorders and/or reproducers (other than those designed for voice or music) and specialized recording media, parts and components therefor.	Retain to form new embargo item 1547.	3		1547	1572	1547 -
1573	Magnetometers of the following types: (a) fluxgates; (b) electron beam emitting; (c) paramagnetic; (d) nuclear; (e) metal-volts; and specialized parts therefor.	Retain to form new embargo item 1548.	3		1548	1573	1548 -
1574	Magnetic recorders and/or reproducers (other than those designed for voice or music) and specialized recording media, parts and components therefor.	Retain to form new embargo item 1549.	3		1549	1574	1549 -

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CLASSIFICATION: ELECTRONICS AND PROJECTION INSTRUMENTS

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27.

CURRENT I/L LISTINGS				PROPOSED REVISION OF I/L LISTINGS			
I/L NO.	DEFINITIONS	ACTION	PARAGRAPH	WAVELENGTH	NEW ITEM NO.	OLD ITEM NO.	DEFINITIONS
1576	Centrifugal testing apparatus or equipment possessing any of the following characteristics: (a) driven by a motor or motors having a total rated horsepower greater than 400 h.p.; (b) capable of carrying a payload of 250 lb. or more; (c) capable of exerting a centrifugal acceleration of 8 or more "g" on a payload of 200 lb. or more.	Retain to form new paragraph 1569	8	1569	1576	1569	Centrifugal testing apparatus or equipment possessing any of the following characteristics: (a) driven by a motor or motors having a total rated horsepower greater than 400 h.p.; (b) capable of carrying a payload of 250 lb. or more; (c) capable of exerting a centrifugal acceleration of 8 or more "g" on a payload of 200 lb. or more.
1577	Balloons, 1100 grams or more envelope weight deflated, capable of free flight but non-permanent carrying.	Delete					
1579	Electronic microscope and the following parts therefrom: (a) electron gun; (b) electron objective projection and condenser lenses (magnetic or electrostatic).	Retain to form new paragraph 1565.	8	2505	1579	2505	Electronic microscope and the following parts therefrom: (a) electron gun; (b) electron objective projection and condenser lenses (magnetic or electrostatic).
1584	Optical wave generators (gratings, wavefronts, and polarizers) and parts, capable of producing spherical waves.	Delete					
1585	Oscilloscopes (cathode-ray) and specialized parts, as follows: (a) oscilloscopes possessing any of the following characteristics: (1) a bandwidth greater than 5 megacycles (defined as the band of frequencies over which the loss does not exceed 3 decibels); (2) a time base shorter than 0.05 microseconds per centimeter; (3) controlling or designed for the use of multiple beam tubes, or tubes of 3 or more cathodes; (4) an input impedance greater than 100 ohms; (b) specialized parts and accessories, as follows: (1) oscilloscope cameras; (2) amplifiers and pre-amplifiers with a bandwidth greater than 5 megacycles (defined as the band of frequencies over which the loss does not exceed 3 decibels).	Retain all but (a)(3) and (b) (1) to form new paragraph 1550. Delete (a)(3) and (b)(1)	8	1550	1584	1550	Oscilloscopes (cathode-ray) and specialized parts, as follows: (a) oscilloscopes possessing any of the following characteristics: (1) a bandwidth greater than 5 megacycles (defined as the band of frequencies over which the loss does not exceed 3 decibels); (2) a time base shorter than 0.05 microseconds per centimeter; (3) controlling or designed for the use of multiple beam tubes, or tubes of 3 or more cathodes; (4) an input impedance greater than 100 ohms; (b) specialized parts and accessories, as follows: (1) oscilloscope cameras; (2) amplifiers and pre-amplifiers with a bandwidth greater than 5 megacycles (defined as the band of frequencies over which the loss does not exceed 3 decibels).
1586	Photographic equipment, as follows: High speed cinematograph cameras, capable of recording at rates in excess of 250 frames per second.	Retain to form new paragraph 2210. (New developments may warrant change in this recommendation).	8	2510	1586	2210	Photographic equipment, as follows: High speed cinematograph cameras, capable of recording at rates in excess of 250 frames per second.
1587	Quartz crystals (worked or unworked) and plates, radio grade only.	Retain to form new paragraph 1582.	8	1582	1587	1582	Quartz crystals (worked or unworked) and plates, radio grade only.
1589	Resistors, temperature-sensitive (of a kind used in bolometers or in the measurement of electric power below 10 milliwatts but excluding electric lamps).	Delete					
1590	Photographic micro-flash equipment capable of giving a flash of 1/100,000 second or shorter duration, or with a frequency of 200 flashes or more per second.	Retain to form new paragraph 2215.	8	2515	1590	2215	Photographic micro-flash equipment, n.e.s., capable of giving a flash of 1/100,000 second or shorter duration, or with a frequency of 200 flashes or more per second.

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CATEGORY, VINCENETICS AND PRECISION INSTRUMENTS

29. SECRET

CURRENT LISTINGS

PROPOSED REVISION OF Y/L LISTINGS

Y/L NO.	DEFINITIONS	ACTION	REPLACED NO.	WATCH NO.	NEW SOURCE NO.	DEFINITIONS
1350	Paper or synthetic film for dielectric use (condenser films), as follows: (a) synthetic film 0.0015 inches (.038 mm) or less in thickness; (b) coated paper 0.0015 inches (.038 mm) or less in thickness; (c) coated paper 0.0004 inches (.010 mm) or less in thickness.	Retain part (a) to form new embargo item 1582. Delete parts (b) and (c).	1582		1582	*1582 - Synthetic film for dielectric use 0.0015 (.038 mm) or less in thickness. (Criteria - a,b,c) ID - a,b,c)
1355	Radio-wave manufacturing machinery.	Retain and expand to form new embargo item 1560.	1560		1355	*1560 - Equipment, n.e.s., specially designed for the production of radio-wave manufacturing machinery or crystal diodes. (Criteria - a,b,c) ID - a,b,c,d,e)
1353	Cable-making machinery specially designed for making multi-pair electric cables for telecommunications purposes, as follows: (a) machinery other than that covered by item 1354 for applying insulating material to conductors; (b) machinery for laying conductors together and/or for applying and insulating, separating, binding, or assembling individual conductors; (c) machinery for laying up conductors, pairs, quads, etc., together to form the complete cable core or part thereof.	Retain to form new embargo item 1562.	1562		1353	*1562 - Cable-making machinery specially designed for making multi-pair electric cables for telecommunications purposes, as follows: (a) machinery other than that covered by item 1354 for applying insulating material to conductors; (b) machinery for laying conductors together and/or for applying and insulating, separating, binding, or assembling individual conductors; (c) machinery for laying up conductors, pairs, quads, etc., together to form the complete cable core or part thereof. (Criteria - a,b,c) ID - a,b,c)
1354	Cable-making machinery specially designed for making coaxial cables, as follows: (a) machines for applying insulating separators to the inner conductor of air-spaced coaxial cables; (b) machines for applying metal strip or sheet to form the outer conductor of coaxial electric cables; (c) machines for forming, stranding, or assembling coaxial cables, with or without conductors other than coaxial cables; (d) automatic equipment for controlling the diameter or the eccentricity of extruded dielectric on wires and cables.	Retain to form new embargo item 1564.	1564		1354	*1564 - Cable-making machinery specially designed for making coaxial cables, as follows: (a) machines for applying insulating separators to the inner conductor of air-spaced coaxial cables; (b) machines for applying metal strip or sheet to form the outer conductor of coaxial electric cables; (c) machines for forming, stranding, or assembling coaxial cables, with or without conductors other than coaxial cables; (d) automatic equipment for controlling the diameter or the eccentricity of extruded dielectric on wires and cables. (Criteria - a,b,c) ID - a,b,c)
New Item		A new embargo item 1582 has been developed to reflect recent strategic applications.	1582		C-503	*1582 - Equipment, n.e.s., specially designed for the production of radio-wave manufacturing machinery or crystal diodes. (Criteria - a,b,c) ID - a,b,c)
New Item		A new embargo item has been developed to reflect recent strategic applications.	1585			*1585 - Equipment, n.e.s., specially designed for the production of radio-wave manufacturing machinery or crystal diodes. (Criteria - a,b,c) ID - a,b,c)
New Item		A new embargo item 1590 has been developed to cover high temperature components which also assist in covering many types of sub and micro wave tube components under such temperature conditions.	1590			*1590 - Electronic components, n.e.s., designed for continuous operation at temperatures above 400 degrees centigrade. (Criteria - a,b,c) ID - a,b,c)

* Signifies new or modified definition.

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CITIZEN, ELECTRONICS AND POSITION DEVICES

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30.

CURRENT I/L LISTINGS				PROPOSED REVISION OF I/L LISTINGS			
I/L NO.	DEFINITIONS	ACTION	REMARKS	NEW I/L NO.	SCORER I/L NO.	DEFINITIONS	
2568	Electronic automatic controlling unit, whether or not assembled into a measuring unit, designed for continuous action as a function of one or more industrial process variables and capable of operating a regulating valve by pneumatic, hydraulic or electric means in response to an AC or DC voltage produced by a measuring unit in the process stream. (Note: Controlling unit means the unit comprising those elements which apply control action to the regulating valve. It determines by comparing (by making an amplifier) the desired value with the value of the controlled condition as indicated by the measuring unit.)	Relate to form new embargo item 1315.	3	1315	2568	1315 - Electronic automatic controlling unit, whether or not assembled into a measuring unit, designed for continuous action as a function of one or more industrial process variables and capable of operating a regulating valve by pneumatic, hydraulic or electric means in response to an AC or DC voltage produced by a measuring unit in the process stream. (Note: Controlling unit means the unit comprising those elements which apply control action to the regulating valve. It determines by comparing (by making an amplifier) the desired value with the value of the controlled condition as indicated by the measuring unit.) (Criteria - b, c; D - a, b, c, e)	
2560	Continuous measuring PI equipment of the following types, whether separate or as components of other PI equipment: (a) electrode assemblies of the flow or insertion type which include resistance thermometers and a glass electrode of 250 megohm or higher at 25°C, designed for use with amplifiers covered by sub-item (b); (b) amplifiers which include automatic temperature compensation as a function of the amplifier and are designed to operate with an input current of 10-12 amperes.	Relate to form new watch item 2301.	U	2301	2560	2301 - Continuous measuring PI equipment of the following types, whether separate or as components of other PI equipment: (a) electrode assemblies of the flow or insertion type which include a resistance thermometer element and a glass electrode of 250 megohm or higher at 25°C, designed for use with amplifiers covered by sub-item (b); (b) amplifiers which include automatic temperature compensation as a function of the amplifier and are designed to operate with an input current of 10-12 amperes. (Criteria - c; D - b, c)	
3517	Radio transmitter, transmitter amplifiers and sub-assemblies thereof, n.e.s.	Relate to form new watch item 2325.	U	2325	3517	2325 - Radio transmitter, transmitter amplifiers and sub-assemblies thereof, n.e.s. (Criteria - a, c; D - a, b, c, e, g)	
3522	Capacitors, as follows: (a) fixed capacitors in excess of 0.5 microfarad, having DC working voltage in excess of 1,000 volts, (excluding those for power factor correction); (b) electrolytic capacitors in excess of 5 megafarads at 1,000 kilovolts; (c) all vacuum and gas capacitors; (d) ceramic dielectric capacitors, or parts thereof, having a declared tolerance of temperature coefficient of capacitance of plus or minus 20 percent of the nominal capacitance or less; (e) electrolytic capacitors; (f) tantalum electrolytic capacitors.	Relate partly (e) and (f) and part of (c) to form new embargo item 1570.	E	1570	3522	*1570 - Capacitors, as follows: (a) all variable vacuum and gas capacitors; (b) polymer, non-thermochemical dielectric capacitors; (c) tantalum electrolytic capacitors. (Criteria - a, c; D - a, b, c)	
3529	Measuring and testing equipment, n.e.s., rated for use at frequencies of 30 kilocycles and above. (Note: It is understood that no member Government should authorize unilaterally large exports of these instruments to the Soviet Union.)	Delete.					
1631	Magnetic materials of all types and of whatever form, powder, strip, sheet, castings and blocks, if possessing one or more of the following characteristics: (a) for sheet or strip, thickness of 0.003" (0.075 mm) and less; (b) initial permeability 20,000 or over; (c) remanence 65% or greater 24 hrs or over; (d) coercive force 100 gauss/line or greater than 2,100 gauss/line, or containing more than 20 percent cobalt; (e) core loss of 0.5 watt per pound at 5 equals 13,000 gauss/sec and 50 cycles per second or less. (Note: The definition of subitem (d) refers to values obtained using a properly heat-treated test bar.)	Relate to form new embargo item 1574.	3	1574	1631	1574 - Magnetic materials of all types and of whatever form, powder, strip, sheet, castings and blocks, if possessing one or more of the following characteristics: (a) for sheet or strip, thickness of 0.003" (0.075 mm) and less; (b) initial permeability 20,000 or over; (c) remanence 65% or greater 24 hrs or over; (d) coercive force 100 gauss/line or greater than 2,100 gauss/line, or containing more than 20 percent cobalt; (e) core loss of 0.5 watt per pound at 5 equals 13,000 gauss/sec and 50 cycles per second or less. (Note: The definition of subitem (d) refers to values obtained using a properly heat-treated test bar.) (Criteria - a; D - none)	

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CATEGORICAL, METALLS, MINERALS AND THEIR MANUFACTURES

SECRET 20.

CURRENT I/L LISTINGS

PROPOSED REVISION OF I/L LISTINGS

I/L NO.	DEFINITIONS	ACTION	REMARKS	NEW ITEM NO.	SOURCE ITEM NO.	DEFINITIONS
1604	Anti-friction bearing (ball, roller, needle) and parts, as follows: (a) "special" bearings, as specified in Interpretative Note No. 2 (hereinafter referred to as "special bearings"); (b) steel alloy "normal" bearings of the following kinds, with inner-ring bore diameter below 10 mm (or, if without bore, below 12.7 mm outer diameter) or over 150 mm: (1) deep groove ball; (2) angular contact ball; (3) cylindrical roller; (4) spherical roller; (5) tapered roller; (6) needle roller; (7) roller thrust types (spherical, cylindrical and taper); (c) bearing parts as follows: (1) all parts of alloy rollers (except needle rollers) and balls (except needle rollers) and roller thrust types, as described in Interpretative Note No. 2; (2) all steel alloy outer rings, inner rings, retainers, and sub-assemblies (except any such parts useable only for bearings covered by Item 2601).	Reballing coverage in cable action with part of 2601, 2602 and new sub-assembly Item 1601 and new sub-assembly Item 2601.	E	1601	1601	1601 Anti-friction bearing and parts as follows: (a) "special" bearings as specified in Interpretative Note No. 2 (hereinafter referred to as "special bearings"); (b) steel alloy "normal" bearings of the following kinds, with inner-ring bore diameter below 10 mm (or, if without bore, below 12.7 mm outer diameter) or over 150 mm, the following: (1) deep groove ball; (2) angular contact ball; (3) cylindrical roller; (4) spherical roller; (5) tapered roller; (6) needle roller; (7) roller thrust types (spherical, cylindrical and taper); (c) bearing parts as follows: (1) all parts of alloy rollers (except needle rollers) and balls (except needle rollers) and roller thrust types, as described in Interpretative Note No. 2; (2) all steel alloy outer rings, inner rings, retainers, and sub-assemblies (except any such parts useable only for bearings covered by (a) and (b) above. (Criteria - a, c; TD - a, b, c)
1605	Autograph pointer					
1615	Impurities components and materials, as follows: (a) brass and bronze fabrications for primer shells, fabrications for bullet cups (gilding metal, clad steel), cartridge line, primer cap, shell rotating band; (b) rolled brass cartridge strip (with 66 to 72 percent copper); (c) copper rotating bands for shells, and other copper multilayer components; (d) gilding metal, clad steel; (e) rough steel forgings, steel, and alloy castings for guns and for armor. (This includes, but is not limited to, the following: rough steel forgings, steel, and alloy castings for machine gun, automatic weapons and small arms.)	Reballing as new sub-assembly Item 1605. Should also consider transfer to production list.	E	1605	1615	1605 Impurities components and materials, as follows: (a) brass and bronze fabrications for primer shells, fabrications for bullet cups (gilding metal, clad steel), cartridge line, primer cap, shell rotating band; (b) rolled brass cartridge strip (with 66 to 72 percent copper); (c) copper rotating bands for shells, and other copper multilayer components; (d) gilding metal, clad steel; (e) rough steel forgings, steel, and alloy castings for guns and for armor. (This includes, but is not limited to, the following: rough steel forgings, steel, and alloy castings for machine gun, automatic weapons and small arms.) (Criteria - a, c; TD - a, b, c)
1630	Scrap iron and steel	Reballing as new sub-assembly Item 1610	E	1610	1630	1610 Scrap iron and steel (Criteria - a; TD - none)
1631	Magnetic materials of all types and of whatever form, shape, powder, strip, sheet, castings and blocks, if possessing one or more of the following characteristics: (a) for magnet or strip, thickness of 0.009" (0.075 mm) and less; (b) initial permeability 20,000 or over; (c) remanent 85% of maximum flux or over; (d) a composition capable of an energy product greater than 20,000 gauss/cm or over, or containing more than 20 percent cobalt; (e) core loss of 0.5 watt per pound at B equals 17,000 gauss and 50 cycles per second or less. (NOTE: The definition of subitem (d) refers to values obtained using a properly heat-treated test bar.)	Reballing as new sub-assembly Item 1574	E	1574	1631	1574 Magnetic materials of all types and of whatever form, shape, powder, strip, sheet, castings and blocks, if possessing one or more of the following characteristics: (a) for magnet or strip, thickness of 0.009" (0.075 mm) and less; (b) initial permeability 20,000 or over; (c) remanent 85% of maximum flux or over; (d) a composition capable of an energy product greater than 20,000 gauss/cm or over, or containing more than 20 percent cobalt; (e) core loss of 0.5 watt per pound at B equals 17,000 gauss and 50 cycles per second or less. (NOTE: The definition of subitem (d) refers to values obtained using a properly heat-treated test bar.) (Criteria - a; TD - none)
1635	Alloys containing: (a) 5% or more molybdenum (but 3% or more molybdenum in any alloy containing more than 1% chromium); or (b) 6% or more cobalt; or (c) 0.25% or more columbium or tantalum; or (d) nickel-bearing steels, i.e., containing a total of 3% or more of alloying elements.	Reballing as new sub-assembly Item 1620	E	1620	1635	1620 Alloys containing: (a) 5% or more molybdenum (but 3% or more molybdenum in any alloy containing more than 1% chromium); or (b) 6% or more cobalt; or (c) 0.25% or more columbium or tantalum; or (d) nickel-bearing steels, i.e., containing a total of 3% or more of alloying elements. (Criteria - a, c; TD - none) * Significant new or modified definition.

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PROPOSED REVISION OF I/L LISTINGS

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GLYCEROL ESTERS, MONOMERS AND THEIR MONOFACETATES

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36.

CURRENT LT LISTINGS

PROPOSED REVISION OF I/L LINKINGS

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CATEGORIES: METALS, MINERALS AND THEIR MANUFACTURES

25.

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CURRENT I/L LISTINGS				PROPOSED REVISION OF I/L LISTINGS			
I/L NO.	DEFINITIONS	ACTION	E. ALSCO	DATE	NEW I/L NO.	SCORE	DEFINITIONS
1670	1670 Tantalum, as follows: (a) ores and concentrates; (b) metal, and ferro-tantalum; (c) compounds; (d) seamless pipe and tubing.	Retain as new embargo item 1680;	2	1680	1670	1680	Tantalum, as follows: (a) ores and concentrates; (b) metal, and ferro-tantalum; (c) compounds; (d) seamless pipe and tubing. (Criteria - a, c; TD - 0, d, e)
1671	1671 Titanium metal (including sponge) and titanium metal alloys (excluding ferro-titanium), as follows: (a) in all wrought forms; (b) in all semi-fabricated forms; (c) scrap.	Retain as new embargo item 1685.	2	1685	1671	1685	Titanium metal (including sponge) and titanium metal alloys (excluding ferro-titanium), as follows: (a) in all wrought forms; (b) in all semi-fabricated forms; (c) scrap. (Criteria - a, c; TD - 0, d, e)
2601	2601 Anti-friction bearings (ball, roller, needle) and parts, as follows: (a) steel alloy normal bearings of the following kinds, regardless of dimensions: (1) double-row ball; (2) single-row ball; (3) separable ball; (4) ball thrust; (b) all other steel alloy "normal" bearings with inner-ring bore diameter from 10 to 12.7 mm outer diameter, if without bore up to six including 15 mm; (c) steel alloy bearing parts as follows: shaft washers only for ball bearings covered by item 2604; (d) roller bearings (roller alloy outer rings, inner rings, separators) and sub-assemblies.	Retain part in combination with part of 1601 to form new embargo item 1601 and new which item 2601. Delete remaining coverage.	2	2601	2601	2601	Anti-friction steel alloy bearings and parts, as follows: (a) as follows: (1) ball with inner ring bore diameter of (a) 10 to 12.7 mm through 120 mm and (2) less than 25 mm or greater than 120 mm. (b) deep groove ball with inner bore diameter of (1) 20 mm through 80 mm and (2) over 80 mm through 150 mm. (c) with inner bore diameter of 20 mm through 150 mm, the following: (1) roller bearing ball, and (2) cylindrical roller. (d) with inner bore diameter of 150 mm or less, the following: (1) spherical roller; (2) taper roller; (3) needle roller; (4) roller (cylindrical or tapered). (e) all steel alloy outer rings, inner rings, separators, ball, rollers (except needle rollers) and sub-assemblies usable only for the bearings covered in (a) through (d) above. (Criteria - a, b; TD - a, b, c)
2635	2635 Aluminum metal and alloys, as follows: (a) crude forms (primary and secondary), including ingots, pigs, blooms, slabs, billets, blocks, girders, granules, lumps, molten metal in ladle, wire bars, (EXCEPT hard alloys covered by item 1635); (b) wrought forms (including castings) covered by item 1635.	Retain part (b) in combination with item 1635 to form new embargo item 1635. Retain part (a) to form new which item 2605.	2	2605	2635	2605	Aluminum metal and alloys, as follows: (a) crude forms (primary and secondary), including ingots, pigs, blooms, slabs, billets, blocks, girders, granules, lumps, molten metal in ladle, wire bars, (EXCEPT hard alloys covered by item 1635). (Criteria - a; TD - none)
2636	2636 Nickel-bearing alloy steels, as follows: (1) in sub-item (b) having a nickel content of 6 percent or more and containing a combined nickel-chromium content of 22 percent or more; (b) nickel-bearing alloy steel tubing of the non-stabilized type, having a nickel content of 6 percent or more and containing a combined nickel-chromium content of 22 percent or more, with both of the following characteristics: (1) outside diameter of 20 mm or more but not exceeding 71 mm and (2) wall thickness of 2 mm or more but not exceeding 2.5 mm. (Note: Non-stabilized nickel-bearing alloy steel tubing means such tubing which does not contain columbium, tantalum or titanium.)	Retain and expand in combination with E part of 2636 to form new embargo item 1690. Adequacy of "precipitation hardened" specification is being checked.	2	1690	2636	1690	Nickel-bearing alloy steels, as follows: (a) nickel-bearing alloy steels (other than in the forms specified in sub-item (b)) having a nickel content of 6 percent or more and containing a combined nickel-chromium content of 22 percent or more, or precipitation hardened type containing 4 percent nickel and 17 percent chromium; (b) nickel-bearing alloy steel tubing of the non-stabilized type, having a nickel content of 6 percent or more, with both of the following characteristics: (1) outside diameter of 20 mm or more but not exceeding 71 mm and (2) wall thickness of 2 mm or more but not exceeding 2.5 mm. (Note: Non-stabilized nickel-bearing alloy steel tubing means such tubing which does not contain columbium, tantalum or titanium.) (Criteria - a, b; c; TD - 0, d)
2671	2671 Titanium carbide	Delete					

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CATEGORY: METALS, MINERALS AND THEIR MANUFACTURES

SECRET 36.

CURRENT I/L LISTINGS				PROPOSED REVISION OF I/L LISTINGS			
I/L NO.	DEFINITIONS	ACTION	REASON	NEW ITEM NO.	SOURCE ITEM NO.	DEFINITIONS	
3640	Anti-friction bearings parts as follows: needle rollers	Delete					
3636	Alloys, as follows: (a) alloys containing 2 percent or more, but less than 6 percent molybdenum, (except those covered by item 1632(a)); (b) austenitic alloy steels, base, containing 4 percent or more nickel.	Retain part in combination with item 2636 to form new embargo item 2636. Retain remaining coverage to form new item 2610.		2610	3636	*2610 Alloys, as follows: (a) alloys containing 2 percent or more, but less than 6 percent molybdenum, (except those covered by item 1632(a)); (b) nickel-bearing alloy steels, base, containing 4 percent or more nickel. (Criteria - ei TD - none)	
3640	Paraphenylene (low carbon) containing a maximum of 0.09 percent carbon.	Delete					
3641	Bismuth: metal and alloys	Retain as new with item 2615.		2615	3641	2615 Bismuth: metal and alloys. (Criteria - ei TD - none)	
3650	Lead, as follows: (a) lead, unmanufactured, hollow and solid; (b) lead and lead base alloy (including antimonial lead), as follows: (1) metal in the form of pigs, slabs, shot, bars, and other primary shapes; (2) secondary lead in pig and slab form; (3) scrap and old metal.	Delete					
3652	Copper and copper-base alloy unfinished and finished products as follows: (a) wire (uncoated); (b) cable (uncoated); (c) insulated wire (single strand conductor), of a diameter of 0.012 inch (0.35 mm) or less.	Retain and expand in combination with item 1650 to form new embargo item 1640.					
3654	Magnesium and magnesium base alloys (except those covered by item 1644) as follows: (a) magnesium and magnesium base alloys (primary) in the form of billets, blooms, ingots, notched bars, powder, slab, sticks, and crystals; (b) scrap and old metal; (c) magnesium and magnesium base alloys (secondary); (d) magnesium alloys in smelted/cast form, as follows: (1) wrought or cast magnesium alloys in primary, secondary, or cast form, including forging, impact extruding, pressing, drawing, extruding, forging, impact extruding, pressing, drawing, extruding, forging, impact extruding, casting, grinding, stamping, and powder metallurgy; (2) cast material produced by casting in sand, die, shell, or plaster moulds.	Retain to form new with item 2620		2620	3654	2620 Magnesium and magnesium base alloys (except those covered by item 1644) as follows: (a) magnesium and magnesium base alloys (primary) in the form of billets, blooms, ingots, notched bars, powder, slab, sticks, and crystals; (b) scrap and old metal; (c) magnesium and magnesium base alloys (secondary); (d) magnesium alloys in smelted/cast form, as follows: (1) wrought or cast magnesium alloys in primary, secondary, or cast form, including forging, impact extruding, pressing, drawing, extruding, forging, impact extruding, casting, grinding, stamping, and powder metallurgy; (2) cast material produced by casting in sand, die, shell, or plaster moulds. (Criteria - ei TD - none)	
3641	Nickel and nickel-base alloy (base alloy containing 30 percent or more nickel) in the following wrought (semi-fabricated) forms: rings.	Delete					

* Significant new or modified definition.

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PROPOSED REVISION OF I/L LISTINGS

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INVESTIGATION REPORT OF THE COMMISSIONER OF THE BUREAU OF INVESTIGATION

39.

PROPOSED REVISION OF I/L LISTINGS

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CATEGORY: OBTOLIS, PLASTICS AND PETROLEUM PRODUCTS

SECRET 41.

CURRENT I/A LISTINGS				PROPOSED REVISION OF I/A LISTINGS			
I/A NO.	DEFINITIONS	ACTION	REMARKS	NEW I/A NO.	SCORE	DEFINITIONS	
3768	Grade petroleum. (Note: Governments should limit shipments to minor quantities, for example under special servicing arrangements. See also Dec. 1627 for a special understanding concerning this item.)			2765	3768	Grade petroleum. (Note: Governments should limit shipments to minor quantities, for example under special servicing arrangements, as "administrative exceptions" but should avoid all shipments to the eastern destinations of the Sino-Soviet bloc, including the harboring of bloc vessels moving to or from such ports. (Criteria: 1) - none)	
3769	Refined fuel oils, including diesel oil. (Note: Governments should limit shipments to minor quantities, for example under special servicing arrangements, as "administrative exceptions" but should avoid all shipments to the eastern destinations of the Sino-Soviet bloc, including the harboring of bloc vessels moving to or from such ports. (Criteria: 1) - none)			2760	3769	Refined fuel oils, including diesel oil. (Note: Governments should limit shipments to minor quantities, for example under special servicing arrangements, as "administrative exceptions" but should avoid all shipments to the eastern destinations of the Sino-Soviet bloc, including the harboring of bloc vessels moving to or from such ports. (Criteria: 1) - none)	
3772	Refined fuel oil. (Note: Governments should limit shipments to minor quantities, for example under special servicing arrangements. See also Dec. 1627 for a special understanding concerning this item.)			2765	3772	Refined fuel oil. (Note: Governments should limit shipments to minor quantities, for example under special servicing arrangements, as "administrative exceptions" but should avoid all shipments to the eastern destinations of the Sino-Soviet bloc, including the harboring of bloc vessels moving to or from such ports. (Criteria: 1) - none)	

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CATEGORY NUMBER AND OTHER PRODUCTS

CURRENT I/L LISTINGS

PROPOSED REVISION OF I/L LISTINGS

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I/L NO.	DEFINITIONS	ACTION	PARAGRAPH NO.	NEW ITEM NO.	SOURCE ITEM NO.	DEFINITIONS
1801	Butyl synthetic rubber	Retain in combination with part C-801 to form new embargo item	E	1801	1801	*1801 Synthetic rubber, the following: (a) butyl; (b) cold styrene types; (c) B-type (copolymer of butadiene and acrylonitrile); (d) liquid styli polyacrylate polymers. (Excludes - a, b, c, d - a, b, c, d, e)
1820	Penetrative tire coatings (excluding tractor and farm implement types), as follows: (a) run when specially constructed to be bullet proof or to run when deflated; (b) in the following sizes and ply ratings: (1) 8 ply rating and over in the size 9.00 x 16; (2) 10 ply rating and over in the size 34 x 7; (3) 12 ply rating and over in the size 14.00 x 20 and 12.00 x 20; (c) with off-the-road treads in the following sizes and ply ratings: (1) 6 ply rating and over in the size 7.00 x 16, 6.50 x 20 and 6.50 x 19; (2) 8 ply rating and over in the size 9.00 x 20, 7.50 x 20 and 7.00 x 20.	Retain most of coverage in combination with part of C-820 to form new embargo item 1805. Delete remaining coverage.	E	1805	1820	*1805 Penetrative tire coatings (excluding farm implement types), as follows: (a) of a kind specially constructed to be bullet proof or to run when deflated; (b) of 10 ply or over in size 9.00 or over. (Excludes - a, b, c, d - a, b, c, d, e)
1840	Water lubricated bearings with bearing surfaces made with zinc compounds.	Delete				
New Item				2801	pc-801	*2801 Synthetic rubbers, n.e.s., except diene, neoprene and regular (but types) styrene. (Excludes - a, b, c, d - a, b, c, d, e)
3801	Natural rubber, including latex	A new watch item 3801 has been developed to cover other synthetic rubbers except those for which blue supply is sufficient. Delete				

* Signifies new or modified definition.

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CATEGORY: MISCELLANEOUS

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42.

CURRENT I/L LISTINGS		PROPOSED REVISION OF I/L LISTINGS			
I/L NO.	DEFINITIONS	ACTION	REMOVED I/L NO.	NEW I/L NO.	DEFINITIONS
1910	New optical glass in the same (tinted or untinted) as follows: (a) blank, plates (alabs), pressings and moulds (other than rough-woulded lenses and prisms), with a unit weight of 1.0 kilograms or more; (b) rough-woulded lenses with a unit weight of 0.5 kilograms or more; (c) rough-woulded prisms with a unit weight of 0.5 kilograms or more.	Retain as new embargo item 1556.	1556	1910	1556 New optical glass in the same (tinted or untinted) as follows: (a) blank, plates (alabs), pressings and moulds (other than rough-woulded lenses and prisms), with a unit weight of 1.0 kilograms or more; (b) rough-woulded lenses with a unit weight of 0.5 kilograms or more; (c) rough-woulded prisms with a unit weight of 0.5 kilograms or more. (Criteria - a,b,i TD - a,b,o)
1900	Paper or synthetic film for dielectric use (condenser films), as follows: (a) synthetic film 0.0015 inches (.038 mm) or less in thickness; (b) coated paper 0.0015 inches (.038 mm) or less in thickness; (c) uncoated paper 0.004 inches (.102 mm) or less in thickness.	Delete part (a) as new embargo item 1558. Delete parts (b) and (c).	1558	1920	1558 Synthetic film for dielectric use 0.0015" (.038 mm) or less in thickness. (Criteria - a,e,i TD - a,b,o)
1920	Nylon parachute cloth. (Note: This covers nylon cloth with the following characteristics: Tensile strength: 1.1 oz. per sq. yd. (35 gr per sq. in.); Tear strength: 40 lbs. per inch warp and filling; Air permeability: 80 to 100 cu. ft. per minute per sq. ft. of cloth.)	Retain to form new watch item 2901.	2901	1930	2910 Nylon parachute cloth. (Note: This covers nylon cloth with the following characteristics: Tensile strength: 1.1 oz. per sq. yd. (35 gr per sq. in.); Tear strength: 40 lbs. per inch warp and filling; Air permeability: 80 to 100 cu. ft. per minute per sq. ft. of cloth.) (Criteria - a,i TD - none)
3920	Uncoated paper for dielectric use (condenser films), over 0.004 inches (0.102 mm.) up to and including 0.001 inches (0.025 mm.) in thickness.	Delete			

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